

# Kody SMD

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Tabela zawiera ponad 4500 kodów SMD.

| Kod SMD | Obudowa | Symbol      | Wyprowadzenie | Opis                            |
|---------|---------|-------------|---------------|---------------------------------|
| 0       | SOT173  | 2SC3603     | CX            | Npn RF fT 7GHz                  |
| 005     |         | SSTPAD5     | J             | PAD-5 5pA leakage diode         |
| 010     |         | SSTPAD10    | J             | PAD-10 10pA leakage diode       |
| 011     | SOT23R  | SO2369R     | R             | 2N2369                          |
| 02      |         | BST82       | M             | n-ch mosfet 80V 175mA           |
| 02      |         | DTCC114T    | N             | 50V 100mA npn sw + 10k Wypr.res |
| 02      | SOT143  | MRF5711L    | X             | nnp RF MRF571                   |
| 020     |         | SSTPAD20    | J             | PAD-20 20pA leakage diode       |
| 04      | SOT143  | MRF5211L    | X             | pnp RF MRF521                   |
| -04     | SOT323  | PMSS3904    | N             | 2N3904                          |
| 050     |         | SSTPAD50    | J             | PAD-50 50pA leakage diode       |
| 05F     |         | TSDF1205R   | WQ            | fT12GHz npn 4V 5mA              |
| -06     | SOT323  | PMSS3906    | N             | 2N3906 in                       |
| 081     | SOT23R  | SO2369AR    | R             | 2N2369A                         |
| 0A      | SOT363  | MUN5111DW1  | DO            | dual pnp 10k+10k bias res       |
| 0B      | SOT363  | MUN5112DW1  | DO            | dual pnp 22k+22k bias res       |
| 0C      | SOT363  | MUN5113DW1  | DO            | dual pnp 47k+47k bias res       |
| 0D      | SOT363  | MUN5114DW1  | DO            | dual pnp 10k+47k bias res       |
| 0E      | SOT363  | MUN5115DW1  | DO            | dual pnp 10k Wypr. res          |
| 0F      | SOT363  | MUN5116DW1  | DO            | dual pnp 4k7 Wypr. res          |
| 0G      | SOT363  | MUN5130DW1  | DO            | dual pnp 1k0+1k0 bias res       |
| 0H      | SOT363  | MUN5131DW1  | DO            | dual pnp 2k2+2k2 bias res       |
| 0J      | SOT363  | MUN5132DW1  | DO            | dual pnp 4k7+4k7 bias res       |
| 0K      | SOT363  | MUN5133DW1  | DO            | dual pnp 4k7+47k bias res       |
| 0L      | SOT363  | MUN5134DW1  | DO            | dual pnp 22k+47k bias res       |
| 0M      | SOT363  | MUN5135DW1  | DO            | dual pnp 2k2+47k bias res       |
| 1       |         | 2SC3587     | CX            | nnp RF fT10GHz                  |
| 1       | SOD523  | BA277       | I             | VHF Tuner band switch diode     |
| 1       | SOT143  | MRF9011     |               | NPN                             |
| 1       | SOT23   | SSTPAD100pA |               | dioda                           |
| 1 (red) | SOD323  | BB669       | I             | 56-2.7 pF varicap               |
| 10      | SOT143  | MRF9411L    | X             | nnp Rf 8GHz MRF941              |
| 100     |         | SSTPAD100   | J             | PAD-100 100pA leakage diode     |
| 101     | SOT346  | PZM10NB1    | C             | 10V 0.3W zener                  |
| 102     | SOT346  | PZM10NB2    | C             | 10V 0.3W zener                  |
| 103     | SOT346  | PZM10NB3    | C             | 10V 0.3W zener                  |
| 10A     | SOT346  | PZM10NB2A   | A             | dual ca 10V 0.3W zener          |
| 10V     | SOT346  | PZM10NB     | C             | 10V 0.3W zener                  |
| 10Y     | SOT89   | BZV49-C10   |               | zener.                          |
| 10Y     | SOT89   | BZV49-C10   | O             | 10V 1W zener                    |
| 11      | SOT143  | MRF9511L    | X             | nnp RF 8GHz MRF951              |
| 11      | SOT363  | MUN5311DW1  | DP            | nnp/pnp 10k+10k bias res        |
| 11      | SOT416  | PDTA114EU   | N             | pnp + res                       |
| 110     | SOT23   | KTY82-110   |               | TEMPSENSE                       |
| 111     | SOT346  | PZM11NB1    | C             | 11V 0.3W zener                  |
| 112     | SOT346  | PZM11NB2    | C             | 11V 0.3W zener                  |
| 113     | SOT346  | PZM11NB3    | C             | 11V 0.3W zener                  |
| 11A     |         | MMBD1501A   | C             | Si diode 200V 100mA             |
| 11A     | SOT346  | PZM11NB2A   | A             | dual ca 11V 0.3W zener          |
| 11V     | SOT346  | PZM11NB     | C             | 11V 0.3W zener                  |
| 11Y     | SOT89   | BZV49-C11   |               | zener.                          |
| 11Y     | SOT89   | BZV49-C11   | O             | 11V 1W zener                    |
| 12      | SOT363  | MUN5312DW1  | DP            | nnp/pnp 22k+22k bias res        |
| 120     | SOT23   | KTY82-120   |               | TEMPSENSE                       |
| 121     | SOT23   | KTY82-121   |               | TEMPSENSE                       |
| 121     | SOT346  | PZM12NB1    | C             | 12V 0.3W zener                  |
| 122     | SOT23   | KTY82-122   |               | TEMPSENSE                       |
| 122     | SOT346  | PZM12NB2    | C             | 12V 0.3W zener                  |
| 123     | SOT346  | PZM12NB3    | C             | 12V 0.3W zener                  |
| 12A     |         | MMBD1502A   | K             | Si diode 200V 100mA             |
| 12A     | SOT23   | ZRA125F03   |               | VREFERENCE                      |

|     |        |             |    |                               |
|-----|--------|-------------|----|-------------------------------|
| 12A | SOT346 | PZM12NB2A   | A  | dual ca 12V 0.3W zener        |
| 12B | SOT23  | ZRA125F02   |    | VREFERENCE                    |
| 12C | SOT23  | ZRA124F01   |    | VREFERENCE                    |
| 12E | SOT23  | ZC2812E     |    | dioda                         |
| 12V | SOT346 | PZM12NB     | C  | 12V 0.3W zener                |
| 12Y | SOT89  | BZV49-C12   |    | zener.                        |
| 12Y | SOT89  | BZV49-C12   | O  | 12V 1W zener                  |
| 13  | SOT23  | BAS125      |    | dioda                         |
| 13  | SOT363 | MUN5313DW1  | DP | npn/pnp 47k+47k bias res      |
| 131 | SOT346 | PZM13NB1    | C  | 13V 0.3W zener                |
| 132 | SOT346 | PZM13NB2    | C  | 13V 0.3W zener                |
| 133 | SOT346 | PZM13NB3    | C  | 13V 0.3W zener                |
| 13A |        | MMBD1503A   | D  | dual Si diode 200V 100mA      |
| 13A | SOT346 | PZM13NB2A   | A  | dual ca 13V 0.3W zener        |
| 13E | SOT23  | ZC2813E     |    | dioda                         |
| 13s | SOT23  | BAS125      | C  | Schottky sw 24V 100mA         |
| 13s | SOT323 | BAS125W     | C  | Schottky sw 24V 100mA         |
| 13t | SOT363 | BC846BPN    | N  | BC546B                        |
| 13V | SOT346 | PZM13NB     | C  | 13V 0.3W zener                |
| 13Y | SOT89  | BZV49-C13   |    | zener.                        |
| 13Y | SOT89  | BZV49-C13   | O  | 13V 1W zener                  |
| 14  |        | BAT114-099R | DQ | Quad Schottky crossoverring   |
| 14  |        | DTA114E     | N  | pnp sw 10k + 10k bias res     |
| 14  | SOT23  | BAS125-04   |    | dioda-2x                      |
| 14  | SOT363 | MUN5314DW1  | DP | npn/pnp 10k Wypr. res         |
| 14A |        | MMBD1504A   | B  | dual cc Si diode 200V 100mA   |
| 14s | SOT23  | BAS125-04   | D  | Dual series Schottky 25V100mA |
| 14s | SOT323 | BAS125-04W  | D  | Dual series Schottky 25V100mA |
| 15  |        | DTA124E     | N  | pnp sw 30V 50mA +Wypr. res    |
| 15  |        | MMBT3960    | N  | 2N3960                        |
| 15  | SOT23  | BAS125-05   |    | dioda-2x                      |
| 15  | SOT23  | MMBT3960    |    | NPN                           |
| 15  | SOT363 | MUN5315DW1  | DP | npn/pnp 10k Wypr. res         |
| 150 | SOT23  | KTY82-150   |    | TEMPSENSE                     |
| 151 | SOT23  | KTY82-151   |    | TEMPSENSE                     |
| 151 | SOT346 | PZM15NB1    | C  | 15V 0.3W zener                |
| 152 | SOT23  | KTY82-152   |    | TEMPSENSE                     |
| 152 | SOT346 | PZM15NB2    | C  | 15V 0.3W zener                |
| 153 | SOT346 | PZM15NB3    | C  | 15V 0.3W zener                |
| 15A |        | MMBD1505A   | A  | dual ca Si diode 200V 100mA   |
| 15A | SOT346 | PZM15NB2A   | A  | dual ca 15V 0.3W zener        |
| 15s | SOT23  | BAS125-05   | B  | dual cc Schottky 25V 100mA    |
| 15s | SOT323 | BAS125-05W  | B  | dual cc Schottky 25V 100mA    |
| 15V | SOT346 | PZM15NB     | C  | 15V 0.3W zener                |
| 15Y | SOT89  | BZV49-C15   |    | zener.                        |
| 15Y | SOT89  | BZV49-C15   | O  | 15V 1W zener                  |
| 16  |        | DTA144E     | N  | pnp sw 30V 50mA +Wypr. res    |
| 16  | SOT23  | BAS125-06   |    | dioda-2x                      |
| 16  | SOT363 | MUN5316DW1  | DP | npn/pnp 4k7 Wypr. res         |
| 161 | SOT346 | PZM16NB1    | C  | 16V 0.3W zener                |
| 162 | SOT346 | PZM16NB2    | C  | 16V 0.3W zener                |
| 163 | SOT346 | PZM16NB3    | C  | 16V 0.3W zener                |
| 16s | SOT23  | BAS125-06   | A  | dual ca Schottky 25V 100mA    |
| 16s | SOT323 | BAS125-06W  | A  | dual ca Schottky 25V 100mA    |
| 16V | SOT346 | PZM16NB     | C  | 16V 0.3W zener                |
| 16Y | SOT89  | BZV49-C16   |    | zener.                        |
| 16Y | SOT89  | BZV49-C16   | O  | 16V 1W zener                  |
| 179 |        | FMMT5179    | N  | 2N5179                        |
| 179 | SOT23  | FMMT5179    |    | NPN                           |
| 17s | SOT143 | BAS125-07   | S  | dual Schottky 25V 100mA       |
| 17s | SOT343 | BAS125-07W  | S  | dual Schottky 25V 100mA       |
| 18  |        | BFP181T     | X  | npn Rf fT 7.8GHz 10V 20mA     |
| 18  | SOT346 | PDTC143ZK   | N  | npn 4k7+47k bias res          |
| 181 | SOT346 | PZM18NB1    | C  | 18V 0.3W zener                |
| 182 | SOT346 | PZM18NB2    | C  | 18V 0.3W zener                |
| 183 | SOT346 | PZM18NB3    | C  | 18V 0.3W zener                |
| 18V | SOT346 | PZM18NB     | C  | 18V 0.3W zener                |
| 18Y | SOT89  | BZV49-C18   |    | zener.                        |
| 18Y | SOT89  | BZV49-C18   | O  | 18V 1W zener                  |
| 19  | SOT346 | PDTA143ZK   | N  | pnp 4k7+47k bias res          |
| 1A  | SOT23  | BC846A      |    | NPN                           |
| 1A  | SOT23  | BC846A      | N  | BC546A                        |

|     |        |             |   |                          |
|-----|--------|-------------|---|--------------------------|
| 1A  | SOT23  | FMMT3904    |   | NPN                      |
| 1A  | SOT23  | FMMT3904    | N | 2N3904                   |
| 1A  | SOT23  | IRLML2402   | F | n-ch mosfet 20V 0.9A     |
| 1A  | SOT23  | MMBT3904    |   | NPN                      |
| 1A  | SOT23  | MMBT3904    | N | 2N3904                   |
| 1A  | SOT23  | PMBT3904    |   | NPN                      |
| 1A  | SOT23  | SMBT3904    |   | NPN                      |
| 1A  | SOT23  | YTS3904     |   | NPN                      |
| 1A  | SOT323 | BC846AW     |   | NPN                      |
| 1A  | SOT416 | BC846AT     | N | BC546A                   |
| 1A  | SOT89  | PXT3904     |   | NPN                      |
| 1A  | SOT89  | SXT3904     |   | NPN                      |
| -1A | SOT323 | PMST3904    | N | 2N3904                   |
| 1A- | SOT323 | BC846AW     | N | BC546A                   |
| 1AM | SOT23  | MMBT3904L   | N | 2N3904                   |
| 1Ap | SOT23  | BC846A      | N | BC546A                   |
| 1At | SOT23  | BC846A      | N | BC546A                   |
| 1At | SOT323 | BC846AW     | N | BC546A                   |
| 1B  | SOT23  | BC846B      |   | NPN                      |
| 1B  | SOT23  | BC846B      | N | BC546B                   |
| 1B  | SOT23  | FMMT2222    |   | NPN                      |
| 1B  | SOT23  | FMMT2222    | N | 2N2222                   |
| 1B  | SOT23  | IRLML2803   | F | n-ch mosfet 30V 0.9A     |
| 1B  | SOT23  | MMBT2222    |   | NPN                      |
| 1B  | SOT23  | MMBT2222    | N | 2N2222                   |
| 1B  | SOT23  | PMBT2222    |   | NPN                      |
| 1B  | SOT23  | SMBT2222    |   | NPN                      |
| 1B  | SOT23  | YTS2222     |   | NPN                      |
| 1B  | SOT323 | BC846BW     |   | NPN                      |
| 1B  | SOT416 | BC846BT     | N | BC546B                   |
| 1B  | SOT89  | PXT2222     |   | NPN                      |
| -1B | SOT323 | PMST2222    | N | 2N2222                   |
| 1B- | SOT323 | >BC846BW    | N | BC546B                   |
| 1Bp | SOT23  | BC846B      | N | BC546B                   |
| 1Bs | SC74   | BC817UPN    | N |                          |
| 1Bt | SOT23  | BC846B      | N | BC546B                   |
| 1Bt | SOT323 | BC846BW     | N | BC546B                   |
| 1C  | SOT23  | FMMT-A20    |   | NPN                      |
| 1C  | SOT23  | FMMT-A20    | N | MPSA20                   |
| 1C  | SOT23  | IRLML6302   | F | p-ch mosfet 20V 0.6A     |
| 1C  | SOT23  | MMBTA20     |   | NPN                      |
| 1C  | SOT23  | MMBTA20L    | N | MPS3904                  |
| 1C  | SOT23  | SMBTA20     |   | NPN                      |
| 1Cp | SOT23  | BAP50-05    | B | dual cc GP RF pin diode  |
| 1Cs | SOT363 | BC847S      |   | BC457                    |
| 1D  | SOT23  | BC846       |   | NPN                      |
| 1D  | SOT23  | IRLML5103   | F | p-ch mosfet 30V 0.6A     |
| 1D  | SOT23  | MMBTA42     |   | NPN                      |
| 1D  | SOT23  | MMBTA42     | N | MPSA42 300V npn          |
| 1D  | SOT23  | SMBTA42     |   | NPN                      |
| 1D  | SOT323 | BC846W      |   | NPN                      |
| 1D  | SOT89  | SXTA42      |   | NPN                      |
| 1D- | SOT323 | BC846W      | N | BC456                    |
| 1DN |        | 2SC4083     | N | nnp 11V 3.2GHz TV tuners |
| 1Dp | SOT23  | BC846       | N | BC456                    |
| 1DR | SC59   | MSD1328-RT1 |   | NPN                      |
| 1DR | SOT346 | MSD1328R    | N | nnp gp 25V 500mA         |
| 1Ds | SC74   | BC846U      | N | BC456                    |
| 1Ds | SOT363 | BC846U      |   | BC456                    |
| 1Dt | SOT23  | BC846       | N | BC456                    |
| 1Dt | SOT323 | BC846W      | N | BC456                    |
| 1E  |        | FMMT-A43    | N | MPSA43                   |
| 1E  | SOT23  | BC847A      |   | NPN                      |
| 1E  | SOT23  | BC847A      | N | BC547A                   |
| 1E  | SOT23  | FMMT-A43    |   | NPN                      |
| 1E  | SOT23  | MMBTA43     |   | NPN                      |
| 1E  | SOT23  | MMBTA43     | N | MPSA43 200V npn          |
| 1E  | SOT23  | SMBTA43     |   | NPN                      |
| 1E  | SOT323 | BC847AW     |   | NPN                      |
| 1E  | SOT416 | BC847AT     | N | BC547A                   |
| 1E  | SOT89  | SXTA43      |   | NPN                      |
| 1E- | SOT323 | BC847A      | N | BC547A                   |

|     |        |           |    |                            |
|-----|--------|-----------|----|----------------------------|
| 1EN |        | 2SC4084   | N  | npn 20V 2.0GHz TV tuners   |
| 1Ep | SOT23  | BC847A    | N  | BC547A                     |
| 1ER | SOT23R | BC847AR   | R  | BC547A                     |
| 1Es | SOT23  | BC847A    | N  | BC457                      |
| 1Es | SOT323 | BC847AW   | N  | BC457                      |
| 1Et | SOT23  | BC847A    | N  | BC547A                     |
| 1Et | SOT323 | BC847A    | N  | BC547A                     |
| 1F  | SOT23  | BC847B    |    | NPN                        |
| 1F  | SOT23  | BC847B    | N  | BC547B                     |
| 1F  | SOT23  | FMMT5550  |    | NPN                        |
| 1F  | SOT23  | MMBT5550  |    | NPN                        |
| 1F  | SOT23  | MMBT5550  | N  | 2N5550 140V npn            |
| 1F  | SOT23  | PMBT5550  |    | NPN                        |
| 1F  | SOT323 | BC847BW   |    | NPN                        |
| 1F  | SOT416 | BC847BT   | N  | BC547B                     |
| 1F- | SOT323 | BC847BW   | N  | BC547B                     |
| 1Fp | SOT23  | BC847B    | N  | BC547B                     |
| 1FR | SOT23R | BC847BR   | R  | BC547B                     |
| 1Fs | SC75   | BC847BT   | N  | BC547B                     |
| 1Fs | SOT23  | BC847B    | N  | BC547B                     |
| 1Fs | SOT323 | BC847BW   | N  | BC547B                     |
| 1Ft | SOT23  | BC847B    | N  | BC547B                     |
| 1Ft | SOT323 | BC847BW   | N  | BC547B                     |
| 1G  |        | FMMT-A06  | N  | MPSA06                     |
| 1G  | SOT23  | BC847C    |    | NPN                        |
| 1G  | SOT23  | BC847C    | N  | BC547C                     |
| 1G  | SOT23  | FMMT-A06  |    | NPN                        |
| 1G  | SOT23  | MMBTA06   |    | NPN                        |
| 1G  | SOT23  | MMBTA06   | N  | MPSA06                     |
| 1G  | SOT23  | SMBTA06   |    | NPN                        |
| 1G  | SOT323 | BC847CW   |    | NPN                        |
| 1G  | SOT416 | BC847CT   | N  | BC547C                     |
| 1G- | SOT323 | BC847CW   | N  | BC547C                     |
| 1GM | SOT23  | MMBTA06   | N  | MPSA06                     |
| 1Gp | SOT23  | BC847C    | N  | BC547C                     |
| 1GR | SOT23R | BC847CR   | R  | BC547C                     |
| 1Gs | SOT23  | BC847C    | N  | BC547C                     |
| 1Gs | SOT323 | BC847CW   | N  | BC547C                     |
| 1GT |        | SOA06     | N  | MPSA06                     |
| 1GT | SOT23  | SOA06     |    | NPN                        |
| 1Gt | SOT323 | BC847CW   | N  | BC547C                     |
| 1H  |        | FMMT-A05  | N  | MPSA05                     |
| 1H  | SOT23  | BC847     |    | NPN                        |
| 1H  | SOT23  | FMMT-A05  |    | NPN                        |
| 1H  | SOT23  | MMBTA05   |    | NPN                        |
| 1H  | SOT23  | MMBTA05   | N  | MPSA05                     |
| 1H  | SOT23  | SMBTA05   |    | NPN                        |
| 1H  | SOT323 | BC847W    |    | NPN                        |
| 1H- | SOT323 | BC847W    | N  | BC547                      |
| 1Hp | SOT23  | BC847     | N  | BC547                      |
| 1Ht | SOT23  | BC847     | N  | BC547                      |
| 1HT | SOT23  | SOA05     |    | NPN                        |
| 1HT | SOT23  | SOA05     | N  | MPSA05                     |
| 1Ht | SOT323 | BC847W    | N  | BC547                      |
| 1J  |        | FMMT2369  | N  | 2N2369                     |
| 1J  | SOT23  | BC848A    | N  | BC548A                     |
| 1J  | SOT23  | MMBT2369  | N  | MPS2369                    |
| 1JA | SOT23  | MMBT2369A | N  | MPS2369A                   |
| 1JR | SOT23R | BC848AR   | R  | BC548A                     |
| 1Js | SOT143 | BCV61A    | VQ | npn current mirror hFe 180 |
| 1Js | SOT23  | BC848A    | N  | BC548A                     |
| 1Js | SOT323 | BC848AW   | N  | BC548A                     |
| 1K  |        | FMMT4400  | N  | 2N4400                     |
| 1K  | SOT143 | BCV61B    |    | NPN                        |
| 1K  | SOT23  | BC848B    |    | NPN                        |
| 1K  | SOT23  | BC848B    | N  | BC548B                     |
| 1K  | SOT23  | FMMT4400  |    | NPN                        |
| 1K  | SOT23  | MMBT6428  |    | NPN                        |
| 1K  | SOT23  | MMBT6428  | N  | MPSA18 50V                 |
| 1K  | SOT23  | PMBT6428  |    | NPN                        |
| 1K  | SOT23  | SMBT6428  |    | NPN                        |
| 1K  | SOT323 | BC848BW   |    | NPN                        |

|      |         |             |    |                            |
|------|---------|-------------|----|----------------------------|
| 1KM  | SOT23   | MMBT6428L   | N  | MPSA18 50V                 |
| 1Kp  | SOT23   | BC848B      | N  | BC548B                     |
| 1KR  | SOT23R  | BC848BR     | R  | BC548B                     |
| 1Ks  | SOT143B | BCV61B      | VQ | nnp current mirror hFe 290 |
| 1Ks  | SOT23   | BC848B      | N  | BC548B                     |
| 1Ks  | SOT323  | BC848BW     | N  | BC548B                     |
| 1L   |         | FMMT4401    | N  | 2N4401                     |
| 1L   |         | MMBT6429    | N  | MPSA18 45V                 |
| 1L   | SOT143  | BCV61C      |    | NPN                        |
| 1L   | SOT143B | BCV61C      | VQ | nnp current mirror hFe 520 |
| 1L   | SOT23   | BC848C      |    | NPN                        |
| 1L   | SOT23   | BC848C      | N  | BC548C                     |
| 1L   | SOT23   | FMMT4401    |    | NPN                        |
| 1L   | SOT23   | FMMT5400    |    | PNP                        |
| 1L   | SOT23   | MMBT6429    |    | NPN                        |
| 1L   | SOT23   | PMBT6429    |    | NPN                        |
| 1L   | SOT23   | SMBT6429    |    | NPN                        |
| 1L   | SOT323  | BC848CW     |    | NPN                        |
| 1Lp  | SOT143B | BCV61C      | VQ | nnp current mirror hFe 520 |
| 1Lp  | SOT23   | BC848C      | N  | BC548C                     |
| 1LR  | SOT23R  | BC848CR     | R  | BC548C                     |
| 1Ls  | SOT23   | BC848C      | N  | BC548C                     |
| 1Ls  | SOT323  | BC848CW     | N  | BC548C                     |
| 1M   | SOT143  | BCV61       |    | NPN                        |
| 1M   | SOT23   | BC848       |    | NPN                        |
| 1M   | SOT23   | FMMT-A13    |    | NPN                        |
| 1M   | SOT23   | FMMT-A13    | N  | MPSA13                     |
| 1M   | SOT23   | MMBTA13     |    | NPN                        |
| 1M   | SOT23   | MMBTA13     | N  | MPSA13 darlington          |
| 1M   | SOT23   | PMBTA13     |    | NPN                        |
| 1M   | SOT23   | SMBTA13     |    | NPN                        |
| 1M   | SOT323  | BC848W      |    | NPN                        |
| 1Mp  | SOT143B | BCV61       | VQ | nnp current mirror         |
| 1Mp  | SOT23   | BC848       | N  | BC548                      |
| 1N   | SOT23   | FMMT-A14    |    | NPN                        |
| 1N   | SOT23   | FMMT-A14    | N  | MPSA14                     |
| 1N   | SOT23   | MMBTA14     |    | NPN                        |
| 1N   | SOT23   | MMBTA14     | N  | MPSA14 darlington          |
| 1N   | SOT23   | PMBTA14     |    | NPN                        |
| 1N   | SOT23   | SMBTA14     |    | NPN                        |
| 1N   | SOT89   | PXTA14      |    | NPN                        |
| 1N10 | SOT223  | MMFT1N10ET1 |    | MOSFET                     |
| 1P   |         | BC847PN     | DI | nnp/nnp separate pair gpAF |
| 1P   |         | FMMT2222A   | N  | 2N2222A                    |
| 1P   | SOT23   | FMMT2222A   |    | NPN                        |
| 1P   | SOT23   | MMBT2222A   |    | NPN                        |
| 1P   | SOT23   | MMBT2222A   | N  | 2N2222A                    |
| 1P   | SOT23   | PMBT2222A   |    | NPN                        |
| 1P   | SOT23   | SMBT2222A   |    | NPN                        |
| 1P   | SOT23   | YTS2222A    |    | NPN                        |
| 1P   | SOT89   | PKT2222A    |    | NPN                        |
| 1Q   | SOT23   | FMMT5088    |    | NPN                        |
| 1Q   | SOT23   | MMBT5088    |    | NPN                        |
| 1Q   | SOT23   | MMBT5088    | N  | MPSA18 Vce 30V             |
| 1Q   | SOT23   | PMBT5088    |    | NPN                        |
| 1R   | SOT23   | FMMT5089    |    | NPN                        |
| 1R   | SOT23   | MMBT5089    |    | NPN                        |
| 1R   | SOT23   | MMBT5089    | N  | MPSA18 Vce 25V             |
| 1S   | SC59    | MSC3130T1   |    | NPN                        |
| 1S   | SOT23   | MMBT2369A   | N  | 2N2369A 500MHz sw npn      |
| 1S   | SOT346  | MSC3130     | H  | nnp RF ft 1.4GHz 10V       |
| 1T   |         | MMBT3960A   | N  | 2N3960A                    |
| 1T   | SOT23   | MMBT3960A   |    | NPN                        |
| 1U   | SOT23   | MMBT2484    |    | NPN                        |
| 1U   | SOT23   | MMBT2484L   | N  | MPSA18                     |
| 1V   | SOT23   | BF820       |    | NPN                        |
| 1V   | SOT23   | MMBT6427    |    | NPN                        |
| 1V   | SOT23   | MMBT6427    | H  | 2N6426/7 darlington npn    |
| 1V   | SOT23   | SMBT6427    |    | NPN                        |
| 1V-  | SOT323  | BF820W      | N  | nnp 300V 50mA              |
| 1Vp  | SOT23   | BF820       | N  | nnp 300V 50mA              |
| 1Vt  | SOT23   | BF820       | N  | nnp 300V 50mA              |

|          |        |            |    |                                |
|----------|--------|------------|----|--------------------------------|
| 1Vt      | SOT323 | BF820W     | N  | npn 300V 50mA                  |
| 1W       |        | FMMT3903   | N  | 2N3903                         |
| 1W       | SOT23  | BF821      |    | PNP                            |
| 1W       | SOT23  | FMMT3903   |    | NPN                            |
| 1W -     | SOT323 | BF822W     | N  | npn 300V 50mA                  |
| 1W t     | SOT323 | BF822W     | N  | npn 300V 50mA                  |
| 1Wp      | SOT23  | BF821      | N  | npn 300V 50mA                  |
| 1Wt      | SOT23  | BF821      | N  | npn 300V 50mA                  |
| 1X       |        | MMBT930L   | N  | MPS3904                        |
| 1X       | SOT23  | BF822      |    | NPN                            |
| 1Xp      | SOT23  | BF822      | N  | npn 250V 50mA                  |
| 1Xt      | SOT23  | BF822      | N  | npn 250V 50mA                  |
| 1Y       |        | MMBT3903   | N  | 2N3903                         |
| 1Y       | SOT23  | BF823      |    | PNP                            |
| 1Y       | SOT23  | MMBT3903   |    | NPN                            |
| 1Y       | SOT23  | YTS3903    |    | NPN                            |
| 1Yp      | SOT23  | BF823      | N  | npn 250V 50mA                  |
| 1Yt      | SOT23  | BF823      | N  | npn 250V 50mA                  |
| 1Z       | SOT23  | BAS70-06   |    | dioda-2x                       |
| 1Z       | SOT23  | MMBT6517   |    | NPN                            |
| 1Z       | sot23  | MMBT6517   | N  | 2N6517 npn Vce 350V            |
| 2        |        | 2SC3604    | CX | npn RF fT8GHz MAG 12dB@2GHz    |
| 2        | SCD80  | BAT62-02W  | I  | BAT16 schottky diode           |
| 2        | SOT143 | MRF5711    |    | NPN                            |
| 2        | SOT23  | BSX39      |    | NPN                            |
| 2(blue)  | SOD323 | BAR64-03W  | I  | pin diode                      |
| 2(white) | SOD323 | BB439      | I  | 29-5 pF varicap                |
| 20       | SOT143 | MRF5811    | X  | npn Rf fT 5GHz 0.2A            |
| -20      | SOT323 | PDTC114WU  | N  | npn + res                      |
| 200      |        | SSTPAD200  | J  | PAD-200 200pA leakage diode    |
| 201      | SOT346 | PZM20NB1   | C  | 20V 300mW Zener                |
| 202      | SOT346 | PZM20NB2   | C  | 20V 300mW Zener                |
| 203      | SOT346 | PZM20NB3   | C  | 20V 300mW Zener                |
| 20F      | SOT143 | TSDF1220   | X  | fT 12GHz npn 6V 20mA           |
| 20V      | SOT346 | PZM20NB    | C  | 20V 300mW zener                |
| 20Y      |        | BZV49-C20  | O  | 20V 1W zener                   |
| 20Y      | SOT89  | BZV49-C20  |    | zener.                         |
| 21       | SOT23  | YTS4403    |    | PNP                            |
| 210      | SOT23  | KTY82-210  |    | TEMPSENSE                      |
| 22       |        | MMBT4209   | N  | npn sw 850MHz 2N4209           |
| 22       | SOT23  | BAS70-04   |    | dioda-2x                       |
| 22       | SOT23  | BZX84-C5V1 |    | zener.                         |
| 22       | SOT23  | MMBT6520   |    | PNP                            |
| 220      | SOT23  | KTY82-220  |    | TEMPSENSE                      |
| 221      | SOT23  | KTY82-221  |    | TEMPSENSE                      |
| 221      | SOT346 | PZM22NB1   | C  | 22V 300mW Zener                |
| 222      | SOT23  | KTY82-222  |    | TEMPSENSE                      |
| 222      | SOT346 | PZM22NB2   | C  | 22V 300mW Zener                |
| 223      | SOT346 | PZM22NB3   | C  | 22V 300mW Zener                |
| 225      | SOT23  | BAS70-05   |    | dioda-2x                       |
| 22V      | SOT346 | PZM22NB    | C  | 22V 300mW zener                |
| 22Y      |        | BZV49-C22  | O  | 22V 1W zener                   |
| 22Y      | SOT89  | BZV49-C22  |    | zener.                         |
| 23       |        | DTC143E    | N  | npn sw 50V 100mA + 4k7 biasres |
| 23       |        | MMBT3646   | N  | npn sw 350MHz 2N3646           |
| -23      | SOT323 | PDTA114TU  | N  | npn +10k Wypr. res             |
| 24       |        | 2SC5006    | N  | npn RF fT 4.5GHz @3V 7mA       |
| 24       |        | DTC114E    | N  | npn sw 50V 100mA + 10k biasres |
| 24       |        | MMBD2101   | C  | Si diode 100V 200mA            |
| -24      | SOT323 | PDTC114TU  | N  | npn +10k res                   |
| 241      | SOT346 | PZM24NB    | C  | 24V 300mW Zener                |
| 242      | SOT346 | PZM24NB    | C  | 24V 300mW Zener                |
| 243      | SOT346 | PZM20NB    | C  | 24V 300mW Zener                |
| 24V      | SOT346 | PZM24NB    | C  | 24V 300mW Zener                |
| 24Y      |        | BZV49-C24  | O  | 24V 1W zener                   |
| 24Y      | SOT89  | BZV49-C24  |    | zener.                         |
| 25       |        | DTC124E    | N  | npn sw 50V 100mA + 22k biasres |
| 25       |        | MMBD2102   | K  | Si diode 100V 200mA            |
| 250      | SOT23  | KTY82-250  |    | TEMPSENSE                      |
| 251      | SOT23  | KTY82-251  |    | TEMPSENSE                      |
| 252      | SOT23  | KTY82-252  |    | TEMPSENSE                      |
| 25A      | SOT23  | ZRA250F03  |    | VREFERENCE                     |

|      |        |             |   |                               |
|------|--------|-------------|---|-------------------------------|
| 25B  | SOT23  | ZRA250F01   |   | VREFERENCE                    |
| 25C  | SOT23  | ZRA250F02   |   | VREFERENCE                    |
| 26   |        | DTC144E     | N | nnp sw 50V 30mA + 47k biasres |
| 26   |        | MMBD2103    | D | dual MMBD1201                 |
| 27   |        | MMBD2104    | B | dual cc MMBD1201              |
| 271  | SOT346 | PZM2.7NB1   | C | 2.7V 300mW Zener              |
| 272  | SOT346 | PZM2.7NB2   | C | 2.7V 300mW Zener              |
| 27V  | SOT346 | PZM27NB     | C | 27V 300mW Zener               |
| 27Y  |        | BZV49-C27   | O | 27V 1W zener                  |
| 27Y  | SOT89  | BZV49-C27   |   | zener.                        |
| 28   |        | BFP280T     | W | nnp RF ft 7GHz 8V 10mA        |
| 28   |        | MMBD2105    | A | dual ca MMBD1201              |
| -28  | SOT323 | PDTA114WU   | N | pnp + res                     |
| 29   |        | MMBD1401    | C | Si diode 200V 100mA           |
| 2955 | SOT223 | MMFT2955ET1 |   | MOSFET                        |
| 2A   | SOT23  | FMMT3906    |   | PNP                           |
| 2A   | SOT23  | FMMT3906    | N | 2N3906                        |
| 2A   | SOT23  | MMBT3906    |   | PNP                           |
| 2A   | SOT23  | MMBT3906L   | N | 2N3906                        |
| 2A   | SOT23  | PMBT3906    |   | PNP                           |
| 2A   | SOT23  | SMBT3906    |   | PNP                           |
| 2A   | SOT23  | YTS3906     |   | PNP                           |
| 2A   | SOT323 | MMBT3906W   | N | 2N3906                        |
| 2A   | SOT89  | PXT3906     |   | PNP                           |
| 2A   | SOT89  | SXT3906     |   | PNP                           |
| 2A4  | SOT346 | PZM2.4NB2A  | A | dual 2.4V cc Zener            |
| 2A7  | SOT346 | PZM2.7NB2A  | A | dual 2.7V cc Zener            |
| 2B   |        | FMMT2907    | N | 2N2907                        |
| 2B   | SOT23  | BC849B      |   | NPN                           |
| 2B   | SOT23  | BC849B      | N | BC549B                        |
| 2B   | SOT23  | FMMT2907    |   | PNP                           |
| 2B   | SOT23  | MMBT2907    |   | PNP                           |
| 2B   | SOT23  | MMBT2907    | N | MPS2907                       |
| 2B   | SOT23  | PMBT2907    |   | PNP                           |
| 2B   | SOT23  | SMBT2907    |   | PNP                           |
| 2B   | SOT23  | YTS2907     |   | PNP                           |
| 2B   | SOT323 | BC849B      |   | NPN                           |
| 2B   | SOT89  | PXT2907     |   | PNP                           |
| 2B-  | SOT323 | BC849BW     | N | BC549B                        |
| 2Bp  | SOT23  | BC849B      | N | BC549B                        |
| 2BR  |        | BC849BR     | R | BC549B                        |
| 2Bs  | SOT23  | BC849B      | N | BC549B                        |
| 2Bs  | SOT323 | BC849BW     | N | BC549B                        |
| 2Bt  | SOT323 | BC849BW     | N | BC549B                        |
| 2C   | SOT23  | BC849C      |   | NPN                           |
| 2C   | SOT23  | BC849C      | N | BC549C                        |
| 2C   | SOT23  | FMMT-A70    |   | PNP                           |
| 2C   | SOT23  | MMBTA70     |   | PNP                           |
| 2C   | SOT23  | MMBTA70     | N | MPSA70                        |
| 2C   | SOT23  | SMBTA70     |   | PNP                           |
| 2C   | SOT323 | BC849C      |   | NPN                           |
| 2C-  | SOT323 | BC849CW     | N | BC549C                        |
| 2Cp  | SOT23  | BC849C      | N | BC549C                        |
| 2CR  | SOT23R | BC849CR     | R | BC549C                        |
| 2Cs  | SOT23  | BC849C      | N | BC549C                        |
| 2Cs  | SOT323 | BC849CW     | N | BC549C                        |
| 2Ct  | SOT23  | BC849C      | N | BC549C                        |
| 2Ct  | SOT323 | BC849CW     | N | BC549C                        |
| 2D   | SOT23  | BC849       |   | NPN                           |
| 2D   | SOT23  | MMBTA92     |   | PNP                           |
| 2D   | SOT23  | MMBTA92     | N | MPSA92 pnp Vce 300V           |
| 2D   | SOT23  | SMBTA92     |   | PNP                           |
| 2D   | SOT323 | BC849       |   | NPN                           |
| 2D   | SOT89  | PXTA92      |   | PNP                           |
| 2D   | SOT89  | SXTA92      |   | PNP                           |
| 2E   | SOT23  | FMMT-A93    |   | PNP                           |
| 2E   | SOT23  | FMMT-A93    | N | MPSA93                        |
| 2E   | SOT23  | MMBTA93     |   | PNP                           |
| 2E   | SOT23  | MMBTA93     | N | MPSA93 pnp Vce 200V           |
| 2E   | SOT23  | SMBTA93     |   | PNP                           |
| 2E   | SOT89  | PXTA93      |   | PNP                           |
| 2E   | SOT89  | SXTA93      |   | PNP                           |

|       |        |              |   |                       |
|-------|--------|--------------|---|-----------------------|
| 2F    | SOT23  | BC850B       |   | NPN                   |
| 2F    | SOT23  | BC850B       | N | BC550B                |
| 2F    | SOT23  | FMMT2907A    |   | PNP                   |
| 2F    | SOT23  | FMMT2907A    | N | 2N2907A               |
| 2F    | SOT23  | MMBT2907A    |   | PNP                   |
| 2F    | SOT23  | MMBT2907A    | N | MPS2907A              |
| 2F    | SOT23  | PMBT22907A   |   | PNP                   |
| 2F    | SOT23  | SMBT2907A    |   | PNP                   |
| 2F    | SOT23  | YTS2907A     |   | PNP                   |
| 2F    | SOT323 | BC850BW      |   | NPN                   |
| 2F    | SOT323 | MMBT2907AW   | N | MPS2907A              |
| 2F    | SOT89  | PXT2907A     |   | PNP                   |
| 2F    | SOT89  | SXT2907A     |   | PNP                   |
| 2F-   | SOT323 | BC850BW      | N | BC550B                |
| 2Fp   | SOT23  | BC850B       | N | BC550B                |
| 2FR   | SOT23R | BC850BR      | R | BC550B                |
| 2Fs   | SOT23  | BC850B       | N | BC550B                |
| 2Fs   | SOT323 | BC850BW      | N | BC550B                |
| 2Ft   | SOT23  | BC850B       | N | BC550B                |
| 2Ft   | SOT323 | BC850BW      | N | BC550B                |
| 2G    | SOT23  | BC850C       |   | NPN                   |
| 2G    | SOT23  | BC850C       | N | BC550C                |
| 2G    | SOT23  | FMMT-A56     |   | PNP                   |
| 2G    | SOT23  | FMMT-A56     | N | MPSA56                |
| 2G    | SOT23  | MMBTA56      |   | PNP                   |
| 2G    | SOT23  | MMBTA56      | N | MPSA56                |
| 2G    | SOT23  | SMBTA56      |   | PNP                   |
| 2G    | SOT323 | BC850CW      |   | NPN                   |
| 2G-   | SOT323 | BC850CW      | N | BC550C                |
| 2GM   | SOT23  | MMBTA56      | N | MPSA56                |
| 2Gp   | SOT23  | BC850C       | N | BC550C                |
| 2GR   | SOT23R | BC850CR      | R | BC550C                |
| 2Gs   | SOT23  | BC850C       | N | BC550C                |
| 2GT   |        | SOA56        | N | MPSA56                |
| 2GT   | SOT23  | SOA56        |   | PNP                   |
| 2Gt   | SOT323 | BC850C       | N | BC550C                |
| 2Gt   | SOT323 | BC850CW      | N | BC550C                |
| 2H    |        | FMMT-A55     | N | MPSA55                |
| 2H    | SOT23  | BC850        |   | NPN                   |
| 2H    | SOT23  | FMMT-A55     |   | PNP                   |
| 2H    | SOT23  | MMBTA55      |   | PNP                   |
| 2H    | SOT23  | MMBTA55      | N | MPSA55                |
| 2H    | SOT23  | SMBTA55      |   | PNP                   |
| 2H    | SOT323 | BC850W       |   | NPN                   |
| 2HT   |        | SOA55        | N | MPSA55                |
| 2HT   | SOT23  | SOA55        |   | PNP                   |
| 2J    | SOT23  | MMBT3640     |   | PNP                   |
| 2J    | SOT23  | MMBT3640     | N | MPS3640 pnp sw        |
| 2K    |        | FMMT4402     | N | 2N4402                |
| 2K    |        | MMBT8598     | N | 2N4125 pnp 60V        |
| 2K    | SOT23  | FMMT4402     |   | PNP                   |
| 2K    | SOT23  | MMBT8598     |   | PNP                   |
| 2L    |        | FMMT4403     | N | 2N4403                |
| 2L    | SOT23  | FMMT4403     |   | PNP                   |
| 2L    | SOT23  | FMMT5401     |   | PNP                   |
| 2L    | SOT23  | MMBT5401     |   | PNP                   |
| 2L    | SOT23  | MMBT5401     | N | 2N5401 pnp 150V       |
| 2L    | SOT23  | PMBT5401     |   | PNP                   |
| 2M    |        | FMMT5087     | N | 2N5087                |
| 2M    | SOT23  | FMMT5087     |   | PNP                   |
| 2M    | SOT23  | MMBT404      |   | PNP                   |
| 2M    | SOT23  | MMBT404      | N | pnp-chopper 24V 150mA |
| 2N    | SOT23  | MMBT404A     |   | PNP                   |
| 2N    | SOT23  | MMBT404A     | N | pnp-chopper 35V 150mA |
| 2N02L | SOT223 | MMFT2N02ELT1 |   | MOSFET                |
| 2P    |        | FMMT2222R    | R | 2N2222                |
| 2P    | SOT23  | FMMT2222R    |   | NPN                   |
| 2P    | SOT23  | MMBT5086     |   | PNP                   |
| 2P    | SOT23  | MMBT5086     | N | 2N5086                |
| 2P    | SOT23  | SMBT5086     |   | PNP                   |
| 2P    | SOT89  | SXT2222A     |   | NPN                   |
| 2Q    | SOT23  | FMMT5209     |   | NPN                   |



|       |        |              |   |                             |
|-------|--------|--------------|---|-----------------------------|
| 2Q    | SOT23  | MMBT5087     |   | PNP                         |
| 2Q    | SOT23  | MMBT5087     | N | 2N5087                      |
| 2Q    | SOT23  | SMBT5087     |   | PNP                         |
| 2R    | SOT23  | FMMT5210     |   | NPN                         |
| 2R    | SOT23  | HSMS-8102    | Z | 10-14GHz schottky mixerpair |
| 2R    | SOT23  | MMBT4260     |   | PNP                         |
| 2S    | SOT23  | MMBT4261     |   | PNP                         |
| 2T    |        | HT2          | N | pnp 80V 100mA               |
| 2T    |        | SO4403       | N | 2N4403                      |
| 2T    | SOT23  | HT2          |   | PNP                         |
| 2T    | SOT23  | MMBT4403     |   | PNP                         |
| 2T    | SOT23  | MMBT4403     | N | 2N4403                      |
| 2T    | SOT23  | PMBT4403     |   | PNP                         |
| 2T    | SOT23  | S04403       |   | PNP                         |
| 2T    | SOT89  | PXT4403      |   | PNP                         |
| 2U    | SOT23  | FMMT-A63     |   | PNP                         |
| 2U    | SOT23  | MMBTA63      |   | PNP                         |
| 2U    | SOT23  | MMBTA63      | N | MPSA63 darlington           |
| 2U    | SOT23  | PMBTA63      |   | PNP                         |
| 2U    | SOT23  | SMBTA63      |   | PNP                         |
| 2V    | SOT23  | FMMT-A64     |   | PNP                         |
| 2V    | SOT23  | MMBTA64      |   | PNP                         |
| 2V    | SOT23  | MMBTA64      | N | MPSA64 darlington           |
| 2V    | SOT23  | PMBTA64      |   | PNP                         |
| 2V    | SOT23  | SMBTA64      |   | PNP                         |
| 2V    | SOT89  | PXTA64       |   | PNP                         |
| 2V4   | SOT346 | PZM2.4NB     | C | 2.4V 300mW Zener            |
| 2V7   | SOT346 | PZM2.7NB     | C | 2.7V 300mW Zener            |
| 2W    |        | FMMT3905     | N | 2N3905                      |
| 2W    |        | MMBT8599     | N | 2N4125 Vce 80V pnp          |
| 2W    | SOT23  | FMMT3905     |   | PNP                         |
| 2W    | SOT23  | MMBT8599     |   | PNP                         |
| 2X    |        | SO4401       | N | 2N4401                      |
| 2X    | SOT23  | MMBT4401     |   | NPN                         |
| 2X    | SOT23  | MMBT4401     | N | 2N4401                      |
| 2X    | SOT23  | PMBT4401     |   | NPN                         |
| 2X    | SOT23  | S04401       |   | NPN                         |
| 2X    | SOT23  | YTS4401      |   | NPN                         |
| 2X    | SOT89  | PXT4401      |   | NPN                         |
| 2Y4   | SOT89  | BZV49-C2V4   |   | zener.                      |
| 2Y4   | SOT89  | BZV49-C2V4   | O | 2.4V 1W zener               |
| 2Y7   | SOT89  | BZV49-C2V7   |   | zener.                      |
| 2Y7   | SOT89  | BZV49-C2V7   | O | 2.7V 1W zener               |
| 2Z    | SOT23  | MMBT6520     | N | 2N6520 pnp Vce 350V         |
| 3055  | SOT223 | MMFT3055ET1  |   | MOSFET                      |
| 3055L | SOT223 | MMFT3055ELT1 |   | MOSFET                      |
| 30Y   | SOT89  | BZY49-C30    |   | zener.                      |
| 33A   | SOT23  | ZRC330F03    |   | VREFERENCE                  |
| 33B   | SOT23  | ZRC330F02    |   | VREFERENCE                  |
| 33C   | SOT23  | ZRC330F01    |   | VREFERENCE                  |
| 33Y   | SOT89  | BZV49-C33    |   | zener.                      |
| 36Y   | SOT89  | BZV49-C36    |   | zener.                      |
| 39Y   | SOT89  | BZV49-C39    |   | zener.                      |
| 3A    | SOT23  | BC856A       |   | PNP                         |
| 3A    | SOT23  | MMBTH24      |   | NPN                         |
| 3A    | SOT323 | BC856AW      |   | PNP                         |
| 3AR   | SOT23  | BC856RA      |   | PNP                         |
| 3B    | SOT23  | BC856B       |   | PNP                         |
| 3B    | SOT23  | FMMT918      |   | NPN                         |
| 3B    | SOT23  | MMBT918      |   | NPN                         |
| 3B    | SOT323 | BC856BW      |   | PNP                         |
| 3BR   | SOT23  | BC856RB      |   | PNP                         |
| 3C    | SOT23  | FMMT-A20R    |   | NPN                         |
| 3D    | SOT23  | BC856        |   | PNP                         |
| 3D    | SOT23  | MMBTH81      |   | PNP                         |
| 3D    | SOT323 | BC856W       |   | PNP                         |
| 3E    | SOT23  | BC857A       |   | PNP                         |
| 3E    | SOT23  | FMMT-A42     |   | NPN                         |
| 3E    | SOT23  | MMBTH10      |   | NPN                         |
| 3E    | SOT323 | BC857AW      |   | PNP                         |
| 3ER   | SOT23  | BC857RA      |   | PNP                         |
| 3EZ   | SOT23  | FMMT-H10     |   | PNP                         |

|            |        |            |    |                          |
|------------|--------|------------|----|--------------------------|
| 3F         | SOT23  | BC857B     |    | PNP                      |
| 3F         | SOT23  | MMBT6543   |    | NPN                      |
| 3F         | SOT323 | BC857BW    |    | PNP                      |
| 3FR        | SOT23  | BC857RB    |    | PNP                      |
| 3G         | SOT23  | BC857C     |    | PNP                      |
| 3G         | SOT323 | BC857CW    |    | PNP                      |
| 3H         | SOT23  | BC857      |    | PNP                      |
| 3H         | SOT323 | BC857W     |    | PNP                      |
| 3J         | SOT143 | BCV62A     |    | PNP                      |
| 3J         | SOT23  | BC858A     |    | PNP                      |
| 3J         | SOT23  | MMBT69     |    | PNP                      |
| 3J         | SOT323 | BC858AW    |    | PNP                      |
| 3JR        | SOT23  | BC858RA    |    | PNP                      |
| 3K         | SOT143 | BCV62B     |    | PNP                      |
| 3K         | SOT23  | BC858B     |    | PNP                      |
| 3K         | SOT323 | BC858BW    |    | PNP                      |
| 3KR        | SOT23  | BC858RB    |    | PNP                      |
| 3L         | SOT143 | BCV62C     |    | PNP                      |
| 3L         | SOT23  | BC858C     |    | PNP                      |
| 3L         | SOT323 | BC858CW    |    | PNP                      |
| 3M         | SOT143 | BCV62      |    | PNP                      |
| 3M         | SOT23  | BC858      |    | PNP                      |
| 3M         | SOT23  | FMMT5087R  |    | PNP                      |
| 3M         | SOT323 | BC858W     |    | PNP                      |
| 3P         | SOT23  | FMMT2222RA |    | NPN                      |
| 3T         | SOT23  | HT3        |    | NPN                      |
| 3W         | SOT23  | FMMT-A12   |    | NPN                      |
| 3Y3        | SOT89  | BZV49-C3V3 |    | zener.                   |
| 3Y6        | SOT89  | BZV49-C3V6 |    | zener.                   |
| 3Y9        | SOT89  | BZV49-C3V9 |    | zener.                   |
| 3YO        | SOT89  | BZV49-C3VO |    | zener.                   |
| 4          | SCD80  | BB664      | I  | Varicap 42-2.5pF         |
| 4          | SOT143 | MRF5211    |    | PNP                      |
| 4 (red)    | SOD323 | BB57-03W   | I  | Varicap                  |
| 4 (white)  | SOD323 | BAS140W    | I  | 40V 120mA sw schottky    |
| 4 (yellow) | SOD323 | BB644      | I  | Varicap 42-2.5pF         |
| 41         | SOT173 | BAT14-115R | CZ | 40GHz schottky ring quad |
| 41         | SOT173 | BAT14-115S | CS | 40GHz schottky diode     |
| 415        | SOT23  | FMMT415    |    | NPN                      |
| 417        | SOT23  | FMMT417    |    | NPN                      |
| 41A        | SOT23  | FMMT491A   |    | NPN                      |
| 41A        | SOT23  | FMMT491A   | N  | npn 40v 1A max           |
| 41D        | SOT173 | BAT14-115D | CY | 40GHz schottky dual      |
| 42         | SOT173 | BAT14-025R | CZ | 4GHz schottky ring quad  |
| 42         | SOT173 | BAT14-025S | CS | 4GHz schottky diode      |
| 42D        | SOT173 | BAT14-025D | CY | 4GHz schottky dual       |
| 43         |        | BAS40      | C  | schottky diode 40V 100mA |
| 43         | SOT23  | BAS40      |    | dioda                    |
| 43         | SOT416 | DTA143EE   | N  | npn with 4k7 +4k7 bias R |
| 431        | SOT346 | PZM4.3NB1  | C  | 4.3V 0.3W zener          |
| 432        | SOT346 | PZM4.3NB2  | C  | 4.3V 0.3W zener          |
| 433        | SOT346 | PZM4.3NB3  | C  | 4.3V 0.3W zener          |
| 43V        | SOT346 | PZM43NB    | C  | 43V 0.3W zener           |
| 43Y        | SOT89  | BZV49-C43  |    | zener.                   |
| 43Y        | SOT89  | BZV49-C43  | O  | 43V 1W zener             |
| 44         |        | 2SC5009    | N  | npn RF fT 12GHz @3V 5mA  |
| 44         | SOT23  | BAS40-04   |    | dioda-2x                 |
| 44         | SOT23  | BAS40-04   | D  | dual series BAS40        |
| 44         | SOT323 | BAS40-04W  | D  | dual series BAS40        |
| 449        | SOT23  | FMMT449    |    | NPN                      |
| 45         | SOT173 | BAT14-055R | CZ | 8GHz schottky ring quad  |
| 45         | SOT173 | BAT14-055S | CS | 8GHz schottky diode      |
| 45         | SOT23  | BAS40-05   |    | dioda-2x                 |
| 45         | SOT23  | BAS40-05   | A  | dual ca BAS40            |
| 45         | SOT323 | BAS40-05W  | A  | dual ca BAS40            |
| 451        | SOT23  | FMMT451    |    | NPN                      |
| 455        | SOT23  | FMMT455    |    | NPN                      |
| 458        | SOT23  | FMMT458    |    | NPN                      |
| 458        | SOT23  | FMMT458    | N  | npn 400V 0.4A            |
| 45D        | SOT173 | BAT14-055D | CY | 8GHz schottky dual       |
| 46         |        | MBT3946DW  | DP | 2N3904/2N3906 pair       |
| 46         | SOT23  | BAS40-06   |    | dioda-2x                 |

|     |        |            |    |                          |
|-----|--------|------------|----|--------------------------|
| 46  | SOT23  | BAS40-06   | B  | dual cc BAS40            |
| 46  | SOT323 | BAS40-06W  | B  | dual cc BAS40            |
| 47  | SOT143 | BAS40-07   |    | dioda-2x                 |
| 47  | SOT143 | BAS40-07   | S  | dual BAS40               |
| 47  | SOT343 | BAS40-07W  | S  | dual BAS40               |
| 471 | SOT346 | PZM4.7NB1  | C  | 4.7V 0.3W zener          |
| 472 | SOT346 | PZM4.7NB2  | C  | 4.7V 0.3W zener          |
| 473 | SOT346 | PZM4.7NB3  | C  | 4.7V 0.3W zener          |
| 47V | SOT346 | PZM47NB    | C  | 47V 0.3W zener           |
| 47Y | SOT89  | BZV49-C47  |    | zener.                   |
| 47Y | SOT89  | BZV49-C47  | O  | 47V 1W zener             |
| 489 | SOT23  | FMMT489    |    | NPN                      |
| 49  | SOT173 | BAT14-095R | CZ | 18GHz schottky ring quad |
| 49  | SOT173 | BAT14-095S | CS | 18GHz schottky diode     |
| 491 | SOT23  | FMMT491    |    | NPN                      |
| 491 | SOT23  | FMMT491    | N  | ZTX 450/451              |
| 493 | SOT23  | FMMT493    |    | NPN                      |
| 493 | SOT23  | FMMT493    | N  | ZTX 453                  |
| 494 | SOT23  | FMMT494    |    | NPN                      |
| 495 | SOT23  | FMMT495    |    | NPN                      |
| 497 | SOT23  | FMMT497    |    | NPN                      |
| 49D | SOT173 | BAT14-095D | CY | 18GHz schottky dual      |
| 4A  |        | HD3A       | C  | 75V 100mA sw diode       |
| 4A  |        | MMBV109    | C  | MV209 varicap            |
| 4A  | SOT23  | BC859A     |    | PNP                      |
| 4A  | SOT23  | BC859A     | N  | BC559A                   |
| 4A  | SOT23  | FMMV109    |    | VCAPdioda                |
| 4A  | SOT23  | MMBV109    |    | VCAPdioda                |
| 4A  | SOT323 | BC859AW    |    | PNP                      |
| 4A3 | SOT346 | PZM4.3NB2A | A  | dual ca 4.3V Zener       |
| 4A7 | SOT346 | PZM4.7NB2A | A  | dual ca 4.7V Zener       |
| 4AR | SOT23  | BC859RA    |    | PNP                      |
| 4AR | SOT23R | BC859AR    | R  | BC559A                   |
| 4As | SOT23  | BC859A     | N  | BC559A                   |
| 4As | SOT323 | BC859AW    | N  | BC559A                   |
| 4B  |        | MMBV432    | B  | dual cc varicap 1.5-45pF |
| 4B  | SOT23  | BC859B     |    | PNP                      |
| 4B  | SOT23  | BC859B     | N  | BC559B                   |
| 4B  | SOT23  | MMBV432L   |    | VCAPdioda                |
| 4B  | SOT323 | BC859BW    |    | PNP                      |
| 4B- | SOT323 | BC859BW    | N  | BC559B                   |
| 4Bp | SOT23  | BC859B     | N  | BC559B                   |
| 4BR | SOT23  | BC859RB    |    | PNP                      |
| 4BR | SOT23R | BC859BR    | R  | BC559B                   |
| 4Bs | SOT23  | BC859B     | N  | BC559B                   |
| 4Bs | SOT323 | BC859BW    | N  | BC559B                   |
| 4Bt | SOT23  | BC859B     | N  | BC559B                   |
| 4Bt | SOT323 | BC859BW    | N  | BC559B                   |
| 4C  | SOT23  | BC859C     |    | PNP                      |
| 4C  | SOT23  | BC859C     | N  | BC559C                   |
| 4C  | SOT23  | FMMV3102   |    | VCAPdioda                |
| 4C  | SOT23  | MMBV3102   |    | VCAPdioda                |
| 4C  | SOT23  | MMVB3102   | C  | varicap 6-35pF           |
| 4C  | SOT323 | BC859CW    |    | PNP                      |
| 4C- | SOT323 | BC859CW    | N  | BC559C                   |
| 4Cp | SOT23  | BC859C     | N  | BC559C                   |
| 4CR | SOT23  | BC859RC    |    | PNP                      |
| 4CR | SOT23R | BC859CR    | R  | BC559C                   |
| 4Cs | SOT23  | BC859C     | N  | BC559C                   |
| 4Cs | SOT323 | BC859CW    | N  | BC559C                   |
| 4Ct | SOT23  | BC859C     | N  | BC559C                   |
| 4Ct | SOT323 | BC859CW    | N  | BC559C                   |
| 4D  |        | HD3A       | C  | sw diode 75V 100mA       |
| 4D  | SOT23  | BC859      |    | PNP                      |
| 4D  | SOT23  | BC859B     | N  | BC559B                   |
| 4D  | SOT23  | HD3A       |    | dioda                    |
| 4D  | SOT23  | MMBV3401   |    | PNP                      |
| 4D  | SOT23  | MMBV3401   | C  | VHF pin diode            |
| 4D  | SOT323 | BC859W     |    | PNP                      |
| 4D- | SOT323 | BC859W     | N  | BC559B                   |
| 4Dt | SOT323 | BC859W     | N  | BC559B                   |
| 4E  | SOT23  | BC860A     |    | PNP                      |

|     |        |           |    |                             |
|-----|--------|-----------|----|-----------------------------|
| 4E  | SOT23  | BC860A    | N  | BC560A                      |
| 4E  | SOT23  | FMMT-A92  |    | PNP                         |
| 4E  | SOT23  | FMMT-A92  | N  | MPSA92                      |
| 4E  | SOT23  | FMMV105G  |    | VCAPdioda                   |
| 4E  | SOT23  | MMBV105G  |    | VCAPdioda                   |
| 4E  | SOT23  | MMBV105G  | C  | MV105 varicap               |
| 4E  | SOT323 | BC860AW   |    | PNP                         |
| 4ER | SOT23  | BC860RA   |    | PNP                         |
| 4ER | SOT23R | BC860AR   | R  | BC560A                      |
| 4F  | SOT23  | BC860B    |    | PNP                         |
| 4F  | SOT23  | BC860B    | N  | BC560B                      |
| 4F  | SOT23  | MMBD353   |    | H/Cdioda-2x                 |
| 4F  | SOT23  | MMBD353   | Z  | dual MBD101                 |
| 4F  | SOT323 | BC860BW   |    | PNP                         |
| 4F- | SOT323 | BC860BW   | N  | BC560B                      |
| 4Fp | SOT23  | BC860B    | N  | BC560B                      |
| 4FR | SOT23  | BC860BR   | R  | BC560B                      |
| 4FR | SOT23  | BC860RB   |    | PNP                         |
| 4Fs | SOT23  | BC860B    | N  | BC560B                      |
| 4Fs | SOT323 | BC860BW   | N  | BC560B                      |
| 4Ft | SOT23  | BC860B    | N  | BC560B                      |
| 4Ft | SOT323 | BC860BW   | N  | BC560B                      |
| 4G  | SOT23  | BC860C    |    | PNP                         |
| 4G  | SOT23  | BC860C    | N  | BC560C                      |
| 4G  | SOT23  | FMMT2484  |    | NPN                         |
| 4G  | SOT23  | MMBV2101  |    | VCAPdioda                   |
| 4G  | SOT23  | MMBV2101  | C  | MV2101 varicap              |
| 4G  | SOT323 | BC860CW   |    | PNP                         |
| 4G- | SOT323 | BC860CW   | N  | BC560C                      |
| 4Gp | SOT23  | BC860C    | N  | BC560C                      |
| 4GR | SOT23  | BC860CR   | R  | BC560CR                     |
| 4Gs | SOT23  | BC860C    | N  | BC560C                      |
| 4Gs | SOT323 | BC860CW   | N  | BC560C                      |
| 4Gt | SOT23  | BC860C    | N  | BC560C                      |
| 4Gt | SOT323 | BC860CW   | N  | BC560C                      |
| 4H  | SOT23  | BC860     |    | PNP                         |
| 4H  | SOT23  | MMBV2103  |    | VCAPdioda                   |
| 4H  | SOT23  | MMBV2103  | C  | MV2103 varicap              |
| 4H  | SOT323 | BC860W    |    | PNP                         |
| 4H- | SOT323 | BC860W    | N  | BC560                       |
| 4Ht | SOT323 | BC860W    | N  | BC560                       |
| 4J  |        | FMMT38A   | N  | BCX38A                      |
| 4J  | SOT23  | FMMT38A   |    | NPN                         |
| 4J  | SOT23  | MMBV2109  |    | VCAPdioda                   |
| 4J  | SOT23  | MMBV2109  | C  | MV2109 varicap              |
| 4K  |        | BAP64-04  | D  | dual series 3GHz pin diode  |
| 4K  | SOD123 | MMSB3000  | I  | Si diode 30V 0.2A           |
| 4K  | SOT23  | MMBV2097  |    | VCAPdioda                   |
| 4L  |        | BAP50-04  | D  | dual series GP RF pin diode |
| 4L  | SOT23  | MMBV2098  |    | VCAPdioda                   |
| 4M  |        | MMBD101   | C  | MBD101 schottky diode       |
| 4M  | SOT23  | MMBD101   |    | HOTCAR.dioda                |
| 4Ms | SOT143 | BAT240A   | EQ | dual schottky 250V 0.4A     |
| 4P  | SOT23  | FMMT2907R |    | PNP                         |
| 4R  | SOT23  | MMBV3700  |    | PNP                         |
| 4R  | SOT23  | MMBV3700  | C  | 200V vhf pin diode          |
| 4S  |        | MMBD201   | C  | MBD201                      |
| 4S  | SOT23  | MMBD201   |    | HOTCAR.dioda                |
| 4T  | SOT23  | MMBD301   |    | HOTCAR.dioda                |
| 4T  | SOT23  | MMBD301   | C  | MBD301 UHF schottky diode   |
| 4U  | SOT23  | MMBV2105  |    | VCAPdioda                   |
| 4U  | SOT23  | MMBV2105  | C  | MV2105 varicap              |
| 4V  | SOT23  | BCW65AR   |    | NPN                         |
| 4V  | SOT23  | MMBV2106  | C  | MV2106 varicap              |
| 4V3 | SOT346 | PZM4.3NB  | C  | 4.3V 0.3W zener             |
| 4V7 | SOT346 | PZM4.7NB  | C  | 4.7V 0.3W zener             |
| 4W  | SOT23  | BCW67AR   |    | PNP                         |
| 4W  | SOT23  | MMBV2107  |    | VCAPdioda                   |
| 4W  | SOT23  | MMBV2107  | C  | MV2107 varicap              |
| 4X  | SOT23  | MMBV2108  |    | VCAPdioda                   |
| 4X  | SOT23  | MMBV2108  | C  | MV2108 varicap              |
| 4Y  | SOT23  | MMBV2102  | C  | MV2102 varicap              |

|           |        |            |    |                             |
|-----------|--------|------------|----|-----------------------------|
| 4Y3       | SOT89  | BZV49-C4V3 |    | zener.                      |
| 4Y3       | SOT89  | BZV49-C4V3 | O  | 4.3V 1W zener               |
| 4Y7       | SOT89  | BZV49-C4V7 |    | zener.                      |
| 4Y7       | SOT89  | BZV49-C4V7 | O  | 4.7V 1W zener               |
| 4Z        | SOT23  | MMBV2104   |    | VCAPdioda                   |
| 4Z        | SOT23  | MMBV2104   | C  | MV2104 varicap              |
| 5         | SOT143 | MRF9331    |    | NPN                         |
| 5         | SOT23  | SSTPAD5    |    | pAdioda                     |
| 5 (red)   | SOD323 | BBY57-03W  | I  | varicap                     |
| 5 (white) |        | BAT60B     | I  | 10V 3A sw Schottky          |
| 500       |        | SSTPAD500  | J  | PAD-500 500pA leakage diode |
| 50A       | SOT23  | ZRA500F03  |    | VREFERENCE                  |
| 50B       | SOT23  | ZRA500F02  |    | VREFERENCE                  |
| 50G       | SOT23  | ZRB500F03  |    | VREFERENCE                  |
| 50H       | SOT23  | ZRB500F02  |    | VREFERENCE                  |
| 50I       | SOT23  | ZRB500F01  |    | VREFERENCE                  |
| 51        | SOT173 | BAT15-115R | CZ | 40GHz schottky ring quad    |
| 51        | SOT173 | BAT15-115S | CS | 40GHz schottky diode        |
| 511       | SOT346 | PZM5.1NB1  | C  | 5.1V 0.3W zener             |
| 512       | SOT346 | PZM5.1NB2  | C  | 5.1V 0.3W zener             |
| 513       | SOT346 | PZM5.1NB3  | C  | 5.1V 0.3W zener             |
| 517       | SOT23  | FMMT6517   |    | NPN                         |
| 51D       | SOT173 | BAT15-115D | CY | 40GHz schottky dual         |
| 51V       | SOT346 | PZM51NB    | C  | 51V 0.3W zener              |
| 51Y       | SOT89  | BZV49-C51  |    | zener.                      |
| 51Y       | SOT89  | BZV49-C51  | O  | 51V 1W zener                |
| 52        | SOT173 | BAT15-025R | CZ | 4GHz schottky ring quad     |
| 52        | SOT173 | BAT15-025S | CS | 4GHz schottky diode         |
| 520       | SOT23  | FMMT6520   |    | PNP                         |
| 52D       | SOT173 | BAT15-025D | CY | 4GHz schottky dual          |
| 53        | SOT23  | BAT17      |    | dioda                       |
| 53s       | SOT23  | BAT17      | C  | schottky diode 4V 100mA     |
| 54        | SOT23  | BAT17-04   |    | dioda-2x                    |
| 549       | SOT23  | FMMT549    |    | PNP                         |
| 54s       | SOT23  | BAT17-04   | D  | dual series BAT17           |
| 54s       | SOT323 | BAT17-04W  | D  | dual series BAT17           |
| 55        | SOT173 | BAT15-055R | CZ | 8GHz schottky ring quad     |
| 55        | SOT173 | BAT15-055S | CS | 8GHz schottky diode         |
| 55        | SOT23  | BAT17-05   |    | dioda-2x                    |
| 551       | SOT23  | FMMT551    |    | PNP                         |
| 555       | SOT23  | FMMT555    |    | PNP                         |
| 558       | SOT23  | FMMT558    |    | PNP                         |
| 558       | SOT23  | FMMT558    | N  | npn 400V 0.15A              |
| 55D       | SOT173 | BAT15-055D | CY | 8GHz schottky dual          |
| 55s       | SOT23  | BAT17-05   | A  | dual ca BAT17               |
| 55s       | SOT323 | BAT17-05W  | A  | dual ca BAT17               |
| 56        | SOT23  | BAT17-06   |    | dioda-2x                    |
| 561       | SOT346 | PZM5.1NB1  | C  | 5.6V 0.3W zener             |
| 562       | SOT346 | PZM5.1NB2  | C  | 5.6V 0.3W zener             |
| 563       | SOT346 | PZM5.1NB3  | C  | 5.6V 0.3W zener             |
| 56s       | SOT23  | BAT17-06   | B  | dual cc BAT17               |
| 56s       | SOT323 | BAT17-06W  | B  | dual cc BAT17               |
| 56V       | SOT346 | PZM56NB    | C  | 56V 0.3W zener              |
| 56Y       | SOT89  | BZV49-C56  |    | zener.                      |
| 56Y       | SOT89  | BZV49-C56  | O  | 56V 1W zener                |
| 57        | SOT173 | BFQ57      | CX | npn 6.5GHz 16V/35mA         |
| 576       | SOT23  | FMMT576    |    | PNP                         |
| 57s       | SOT143 | BAT17-07   | S  | dual BAT17                  |
| 58        | SOT173 | BFQ58      | CX | npn 6.5GHz 16V/30mA         |
| 589       | SOT23  | FMMT589    |    | PNP                         |
| 589       | SOT23  | FMMT589    | N  | npn 30V 1A                  |
| 59        | SOT173 | BAT15-095R | CZ | 18GHz schottky ring quad    |
| 59        | SOT173 | BAT15-095S | CS | 18GHz schottky diode        |
| 591       | SOT23  | FMMT591    |    | PNP                         |
| 591       | SOT23  | FMMT591    | N  | ZTX550/551                  |
| 593       | SOT23  | FMMT593    |    | PNP                         |
| 593       | SOT23  | FMMT593    | N  | ZTX 553                     |
| 596       | SOT23  | FMMT596    |    | PNP                         |
| 597       | SOT23  | FMMT597    |    | PNP                         |
| 59A       | SOT23  | FMMT549A   |    | PNP                         |
| 59D       | SOT173 | BAT15-095D | CY | 18GHz schottky dual         |
| 5A        | SOT23  | BC807-16   |    | PNP                         |

|     |        |            |   |                         |
|-----|--------|------------|---|-------------------------|
| 5A  | SOT23  | BC807-16   | N | BC327-16                |
| 5A  | SOT23  | BSS123     | M | n-ch tmosfet Vds 100V   |
| 5A  | SOT23  | FMMD6050   |   | dioda                   |
| 5A  | SOT23  | FMMD6050   | C | sw diode 70V 100mA      |
| 5A  | SOT23  | MMBD6050   |   | dioda                   |
| 5A  | SOT23  | MMBD6050   | C | sw diode 70V 0.2A       |
| 5A  | SOT23  | PMBD6050   |   | dioda                   |
| 5A  | SOT23  | SMBD6050   |   | dioda                   |
| 5A  | SOT323 | BC807-16W  |   | PNP                     |
| 5A- | SOT323 | BC807-16W  | N | BC327-16                |
| 5A1 | SOT346 | PZM5.1NB2A | A | dual ca 5.1V 0.3W zener |
| 5A6 | SOT346 | PZM5.6NB2A | A | dual ca 5.6V 0.3W zener |
| 5Ap | SOT23  | BC807-16   | N | BC327-16                |
| 5AR | SOT23R | BC807-16R  | R | BC327-16                |
| 5As | SOT23  | BC807-16   | N | BC327-16                |
| 5As | SOT323 | BC807-16W  | N | BC327-16                |
| 5At | SOT23  | BC807-16   | N | BC327-16                |
| 5At | SOT323 | BC807-16W  | N | BC327-16                |
| 5B  | SOT23  | BC807-25   |   | PNP                     |
| 5B  | SOT23  | BC807-25   | N | BC327-25                |
| 5B  | SOT23  | FMMD6100   |   | dioda-2x                |
| 5B  | SOT23  | FMMD6100   | B | cc dual diode 70V 0.2A  |
| 5B  | SOT23  | MMBD6100   |   | dioda-2x                |
| 5B  | SOT23  | MMBD6100   | B | cc dual diode 70V 0.2A  |
| 5B  | SOT23  | MMBT4123   |   | NPN                     |
| 5B  | SOT23  | MMBT4123   | N | 2N4123                  |
| 5B  | SOT23  | PMBD6100   |   | dioda-2x                |
| 5B  | SOT23  | SMBD6100   |   | dioda-2x                |
| 5B  | SOT323 | BC807-25W  |   | PNP                     |
| 5B- | SOT323 | BC807-25W  | N | BC327-25                |
| 5BM | SOT23  | MMBD6100   | B | cc dual diode 70V 0.2A  |
| 5Bp | SOT23  | BC807-25   | N | BC327-25                |
| 5BR | SOT23R | BC807-25R  | R | BC327-25                |
| 5Bs | SC74   | BC807-25U  | N | BC327-25                |
| 5Bs | SOT23  | BC807-25   | N | BC327-25                |
| 5Bs | SOT323 | BC807-25W  | N | BC327-25                |
| 5Bt | SOT23  | BC807-25   | N | BC327-25                |
| 5Bt | SOT323 | BC807-25W  | N | BC327-25                |
| 5C  | SOT23  | BC807-40   |   | PNP                     |
| 5C  | SOT23  | BC807-40   | N | BC327-40                |
| 5C  | SOT23  | FMMD7000   |   | dioda-2x                |
| 5C  | SOT23  | FMMD7000   | D | 2 ser diodes 70V 200mA  |
| 5C  | SOT23  | MMBD7000   |   | dioda                   |
| 5C  | SOT23  | MMBD7000   | D | 2 ser diodes 100V 0.2A  |
| 5C  | SOT23  | PMBD7000   |   | dioda-2x                |
| 5C  | SOT23  | SMBD7000   |   | dioda-2x                |
| 5C  | SOT323 | BC807-40W  |   | PNP                     |
| 5C- | SOT323 | BC807-40W  | N | BC327-40                |
| 5Cp | SOT23  | BC807-40   | N | BC327-40                |
| 5CR | SOT23E | BC807-40R  | R | BC327-40                |
| 5Cs | SOT23  | BC807-40   | N | BC327-40                |
| 5Cs | SOT323 | BC807-40W  | N | BC327-40                |
| 5Ct | SOT23  | BC807-40   | N | BC327-40                |
| 5Ct | SOT323 | BC807-40W  | N | BC327-40                |
| 5D  |        | HD2A       | B | dual cc HD2 75V 100mA   |
| 5D  | SOD123 | MMSD914    | I | 1N914                   |
| 5D  | SOT23  | BC807      |   | PNP                     |
| 5D  | SOT23  | FMMD914    |   | dioda                   |
| 5D  | SOT23  | FMMD914    | C | 1N914                   |
| 5D  | SOT23  | HD2A       |   | dioda-2x                |
| 5D  | SOT23  | MMBD914    |   | dioda                   |
| 5D  | SOT23  | MMBD914    | C | 1N914                   |
| 5D  | SOT23  | PMBD914    |   | dioda                   |
| 5D  | SOT23  | SMBD914    |   | dioda                   |
| 5D  | SOT323 | BC807W     |   | PNP                     |
| 5D- | SOT323 | BC807W     | N | BC327                   |
| 5Dp | SOT23  | BC807      | N | BC327                   |
| 5Dt | SOT23  | BC807      | N | BC327                   |
| 5Dt | SOT323 | BC807W     | N | BC327                   |
| 5E  | SOT23  | BC808-16   |   | PNP                     |
| 5E  | SOT23  | BC808-16   | N | BC328-16                |
| 5E  | SOT23  | FMMT-A43R  |   | NPN                     |

|         |        |            |    |                             |
|---------|--------|------------|----|-----------------------------|
| 5E      | SOT23  | YTS2906    |    | PNP                         |
| 5E      | SOT23R | FMMT-A43R  | R  | MPSA43                      |
| 5E      | SOT323 | BC808-16W  |    | PNP                         |
| 5ER     | SOT23R | BC808-16R  | R  | BC328-16                    |
| 5Es     | SOT23  | BC808-16   | N  | BC328-16                    |
| 5Es     | SOT323 | BC808-16W  | N  | BC328-16                    |
| 5F      | SOT23  | BC808-25   |    | PNP                         |
| 5F      | SOT23  | BC808-25   | N  | BC328-25                    |
| 5F      | SOT23  | MMBD501    |    | HOTCAR.dioda                |
| 5F      | SOT23  | MMBD501    | C  | MBD501 hot carrier diode    |
| 5F      | SOT23  | YTS2906A   |    | PNP                         |
| 5F      | SOT323 | BC808-25W  |    | PNP                         |
| 5FR     | SOT23R | BC808-25R  | R  | BC328-25                    |
| 5Fs     | SOT23  | BC808-25   | N  | BC328-25                    |
| 5Fs     | SOT323 | BC808-25W  | N  | BC328-25                    |
| 5G      |        | MMBD353    | D  | dual series MBD101          |
| 5G      | SOT23  | BC808-40   |    | PNP                         |
| 5G      | SOT23  | BC808-40   | N  | BC328-40                    |
| 5G      | SOT23  | MMBD352    |    | H/Cdioda-2x                 |
| 5G      | SOT323 | BC808-40W  |    | PNP                         |
| 5GR     | SOT23R | BC808-40R  | R  | BC328-40                    |
| 5Gs     | SOT23  | BC808-40   | N  | BC328-40                    |
| 5Gs     | SOT323 | BC808-40W  | N  | BC328-40                    |
| 5H      | SOT23  | BC808      |    | PNP                         |
| 5H      | SOT23  | BC808-40   |    | PNP                         |
| 5H      | SOT23  | MMBD4148   | C  | 1N4148                      |
| 5H      | SOT23  | MMBD701    |    | HOTCAR.dioda                |
| 5H      | SOT23  | MMBD701    | C  | MBD701 UHF schottky diode   |
| 5H      | SOT323 | BC808W     |    | PNP                         |
| 5I      |        | MMSD4148   | C  | 1N4148                      |
| 5I      | SOT23  | YTS4402    |    | PNP                         |
| 5J      |        | FMMT38B    | N  | BCX38B                      |
| 5J      | SOT23  | FMMT38B    |    | NPN                         |
| 5K      | SOT23  | MMBV809    |    | VCAP                        |
| 5K      | SOT23  | MMBV809    | C  | Hyperabrupt varicap         |
| 5Kp     |        | BAP64-05   | B  | dual cc 3GHz RF pin diode   |
| 5L      | SOT23  | MMBV609    |    | VCAP                        |
| 5L      | SOT23  | MMBV609    | B  | dual cc Hyperabrupt varicap |
| 5M      | SOT23  | YTS3905    |    | PNP                         |
| 5N      | SOT23  | MMBD452L   | D  | series UHF schottky diodes  |
| 5N      | SOT23  | YTS4126    |    | PNP                         |
| 5P      |        | FMMT2907AR | R  | 2N2907A                     |
| 5P      | SOT23  | FMMT2907RA |    | PNP                         |
| 5R      | SOT23  | MMBS5060   |    | SCR                         |
| 5S      | SOT23  | MMBS5061   |    | SCR                         |
| 5T      | SOT23  | BCW66GR    |    | NPN                         |
| 5T      | SOT23  | MMBS5062   |    | SCR                         |
| 5T      | SOT23R | BCW66GR    | R  | npn 45V 0.8A 350mW          |
| 5V      | SOT23  | BCW65BR    |    | NPN                         |
| 5V      | SOT23  | MMBP6028   |    | PNP                         |
| 5V1     | SOT346 | PZM5.1NB   | C  | 5.1V 0.3W zener             |
| 5V6     | SOT346 | PZM5.6NB   | C  | 5.6V 0.3W zener             |
| 5W      | SOT23  | BCW67BR    |    | PNP                         |
| 5W      | SOT23  | MMBP6027   |    | PNP                         |
| 5Y1     | SOT89  | BZV49-C5V1 |    | zener.                      |
| 5Y1     | SOT89  | BZV49-C5V1 | O  | 5.1V 1W zener               |
| 5Y6     | SOT89  | BZV49-C5V6 |    | zener.                      |
| 5Y6     | SOT89  | BZV49-C5V6 | O  | 5.6V 1W zener               |
| 5Z      | SOT23  | MMBPU131   |    | PNP                         |
| 6 (red) | SOD323 | BBY56-03W  | I  | varicap                     |
| 60      | SOT143 | BAR60      |    | diodaPINdiodax3             |
| 604     | SOT89  | FCX604     |    | NPN                         |
| 605     |        | NDS0605    | M  | p-ch sw mosfet 60V          |
| 60s     | SOT143 | BAR60      | QQ | 3 pin diodes                |
| 61      | SOT143 | BAR61      |    | diodaPINdiodax3             |
| 610     |        | NDS0610    | M  | p-ch sw mosfet 60V          |
| 614     | SOT23  | FMMT614    |    | NPN                         |
| 617     | SOT23  | FMMT617    |    | NPN                         |
| 617     | SOT23  | FMMT617    | N  | npn sw 15V 3A               |
| 618     | SOT23  | FMMT618    |    | NPN                         |
| 618     | SOT23  | FMMT618    | N  | npn sw 20V 2.5A             |
| 619     | SOT23  | FMMT617    | N  | npn sw 50V 2A               |

|     |        |            |    |                               |
|-----|--------|------------|----|-------------------------------|
| 619 | SOT23  | FMMT619    |    | NPN                           |
| 61A |        | MMBF4117   | F  | n-ch jfet ultra low i/plg     |
| 61A |        | MMBF4119   | F  | n-ch jfet ultra low i/plg     |
| 61C |        | MMBF4118   | F  | n-ch jfet ultra low i/plg     |
| 61J |        | MMBF4091   | F  | n-ch jfet sw/chopper          |
| 61K |        | MMBF4092   | F  | n-ch jfet sw/chopper          |
| 61L |        | MMBF4093   | F  | n-ch jfet sw/chopper          |
| 61M |        | MMBF4859   | F  | n-ch jfet sw/chopper          |
| 61N |        | MMBF5514   | F  | p-ch jfet sw/chopper          |
| 61P |        | MMBF5115   | F  | p-ch jfet sw/chopper          |
| 61Q |        | MMBF5516   | F  | p-ch jfet sw/chopper          |
| 61S |        | MMBF5458   | F  | n-ch jfet gp 2N5458           |
| 61s | SOT143 | BAR61      | PQ | 3 pin diodes pi atten         |
| 61T |        | MMBF5459   | F  | n-ch jfet gp 2N5459           |
| 61U |        | MMBF5461   | F  | p-ch jfet gp 2N5461           |
| 61V |        | MMBF5462   | F  | p-ch jfet gp 2N5462           |
| 62  | SOT143 | BAT62      |    | dioda-2x                      |
| 621 | SOT346 | PZM6.2NB1  | C  | 6.2V 0.3W zener               |
| 622 | SOT346 | PZM6.2NB2  | C  | 6.2V 0.3W zener               |
| 623 | SOT346 | PZM6.2NB3  | C  | 6.2V 0.3W zener               |
| 624 | SOT23  | FMMT624    |    | NPN                           |
| 625 | SOT23  | FMMT625    |    | NPN                           |
| 62P |        | MMBFJ201   | F  | n-ch jfet gp J201             |
| 62Q |        | MMBFJ202   | F  | n-ch jfet gp J202             |
| 62R |        | MMBFJ203   | F  | n-ch jfet gp J203             |
| 62S |        | MMBFJ270   | F  | p-ch jfet gp J270             |
| 62T |        | MMBFJ271   | F  | p-ch jfet gp J271             |
| 62V | SOT346 | PZM62NB1   | C  | 62V 0.3W zener                |
| 62Y | SOT89  | BZV49-C62  |    | zener.                        |
| 62Y | SOT89  | BZV49-C62  | O  | 62V 1W zener                  |
| 63  | SOT23  | BAT64      |    | dioda                         |
| 634 | SOT23  | FMMT634    | N  | 100V 0.9A darlington npn      |
| 63Q |        | MMBFJ304   | F  | n-ch jfet vhf J304            |
| 63s | SOT23  | BAT64      | C  | Schottky 40V 250mA gp         |
| 63s | SOT323 | BAT64W     | C  | Schottky 40V 250mA gp         |
| 64  | SOT23  | BAT64-04   |    | dioda-2x                      |
| 64s | SOT23  | BAT64-04   | D  | dual ser gp Schottky 40V250mA |
| 64s | SOT323 | BAT64-04W  | D  | dual ser gp Schottky 40V250mA |
| 65  | SOT23  | BAT64-05   |    | dioda-2x                      |
| 651 | SOT223 | PZT651     | N  | nnp 60V 1A                    |
| 65s | SOT23  | BAT64-05   | B  | dual cc gp Schottky 40V250mA  |
| 65s | SOT323 | BAT64-05W  | B  | dual cc gp Schottky 40V250mA  |
| 66  | SOT23  | BAT64-06   |    | dioda-2x                      |
| 66s | SOT23  | BAT64-06   | A  | dual ca gp Schottky 40V250mA  |
| 66s | SOT323 | BAT64-06W  | A  | dual ca gp Schottky 40V250mA  |
| 67  |        | BFP67      | X  | nnp Rf fT 7.5GHz 10V 50mA     |
| 67  | SOT143 | BAT64-07   |    | dioda-2x                      |
| 67R |        | BFP67R     | WQ | nnp Rf fT 7.5GHz 10V 50mA     |
| 67s | SOT143 | BAT64-07   | S  | dual gp Schottky 40V 250mA    |
| 67s | SOT343 | BAT64-07W  | S  | dual gp Schottky 40V 250mA    |
| 681 | SOT346 | PZM6.8NB1  | C  | 6.8V 0.3W zener               |
| 682 | SOT346 | PZM6.8NB2  | C  | 6.8V 0.3W zener               |
| 683 | SOT346 | PZM6.8NB1  | C  | 6.8V 0.3W zener               |
| 68V | SOT346 | PZM68NB1   | C  | 68V 0.3W zener                |
| 68Y | SOT89  | BZV49-C68  |    | zener.                        |
| 68Y | SOT89  | BZV49-C68  | O  | 68V 1W zener                  |
| 69  | SOT416 | DTA114YE   | N  | pnp with 10k +47k bias R      |
| 6A  | SC59   | MUN2111T1  |    | PNP                           |
| 6A  | SOT23  | BC817-16   |    | NPN                           |
| 6A  | SOT23  | BC817-16   | N  | BC337-16                      |
| 6A  | SOT23  | MMBF4416   |    | FET                           |
| 6A  | SOT23  | MMBF4416   | F  | 2N4416 n-ch vhf jfet          |
| 6A  | SOT23  | MUN2111    | N  | pnp gp with 10k+10k biasres   |
| 6A  | SOT323 | BC817-16W  |    | NPN                           |
| 6A  | SOT323 | MUN5111    | N  | MUN2111 in                    |
| 6A  | SOT323 | MUN5111T1  |    | PNP                           |
| 6A- | SOT323 | BC817-16W  | N  | BC337-16                      |
| 6A2 | SOT346 | PZM6.2NB2A | A  | dual ca 6.2V 0.3W zener       |
| 6A8 | SOT346 | PZM6.8NB2A | A  | dual ca 6.8V 0.3W zener       |
| 6Ap | SOT23  | BC817-16W  | N  | BC337-16                      |
| 6AR | SOT23  | BC817-16R  | R  | BC337-16                      |
| 6As | SOT23  | BC817-16   | N  | BC337-16                      |



|     |        |           |   |                             |
|-----|--------|-----------|---|-----------------------------|
| 6As | SOT323 | BC817-16  | N | BC337-16                    |
| 6At | SOT23  | BC817-16  | N | BC337-16                    |
| 6At | SOT323 | BC817-16W | N | BC337-16                    |
| 6B  | SC59   | MUN2112T1 |   | PNP                         |
| 6B  | SOT23  | BC817-25  |   | NPN                         |
| 6B  | SOT23  | BC817-25  | N | BC337-25                    |
| 6B  | SOT23  | MMBF5484  |   | FET                         |
| 6B  | SOT23  | MMBF5484  | F | n-ch jfet 2N5484            |
| 6B  | SOT23  | MUN2112   | N | pnp gp with 22k+22k biasres |
| 6B  | SOT23  | PMBF5484  |   | FET                         |
| 6B  | SOT323 | BC817-25W |   | NPN                         |
| 6B  | SOT323 | MUN5112   | N | MUN2112                     |
| 6B  | SOT323 | MUN5112T1 |   | PNP                         |
| 6B- | SOT323 | BC817-25W | N | BC337-25                    |
| 6Bp | SOT23  | BC817-25  | N | BC337-25                    |
| 6BR | SOT23R | BC817-25R | R | BC337-25                    |
| 6Bs | SOT23  | BC817-25  | N | BC337-25                    |
| 6Bs | SOT323 | BC817-25W | N | BC337-25                    |
| 6Bt | SOT23  | BC817-25  | N | BC337-25                    |
| 6Bt | SOT323 | BC817-25W | N | BC337-25                    |
| 6C  | SC59   | MUN2113T1 |   | PNP                         |
| 6C  | SOT23  | BC817-40  |   | NPN                         |
| 6C  | SOT23  | BC817-40  | N | BC337-40                    |
| 6C  | SOT23  | MMBFU310  |   | FET                         |
| 6C  | SOT23  | MMBFU310  | F | n-ch jfet U310              |
| 6C  | SOT23  | MUN2113   | N | pnp gp with 47k+47k biasres |
| 6C  | SOT323 | BC817-40W |   | NPN                         |
| 6C  | SOT323 | MUN5113   | N | MUN2113                     |
| 6C  | SOT323 | MUN5113T1 |   | PNP                         |
| 6C- | SOT323 | BC817-40W | N | BC337-40                    |
| 6Cp | SOT23  | BC817-40  | N | BC337-40                    |
| 6CR | SOT23R | BC817-40R | R | BC337-40                    |
| 6Cs | SOT23  | BC817-40  | N | BC337-40                    |
| 6Cs | SOT323 | BC817-40W | N | BC337-40                    |
| 6Ct | SOT23  | BC817-40  | N | BC337-40                    |
| 6Ct | SOT323 | BC817-40W | N | BC337-40                    |
| 6D  | SC59   | MUN2114T1 |   | PNP                         |
| 6D  | SOT23  | BC817     |   | NPN                         |
| 6D  | SOT23  | MMBF5457  |   | FET                         |
| 6D  | SOT23  | MMBF5457  | F | 2N5457 n-ch jfet            |
| 6D  | SOT23  | MUN2114   | N | pnp gp with 10k+47k biasres |
| 6D  | SOT323 | BC817W    |   | NPN                         |
| 6D  | SOT323 | MUN5114   | N | MUN21141                    |
| 6D  | SOT323 | MUN5114T1 |   | PNP                         |
| 6D- | SOT323 | BC817W    | N | BC337                       |
| 6Dp | SOT23  | BC817     | N | BC337                       |
| 6Dt | SOT23  | BC817     | N | BC337                       |
| 6Dt | SOT323 | BC817W    | N | BC337                       |
| 6E  | SOT23  | BC818-16  |   | NPN                         |
| 6E  | SOT23  | BC818-16  | N | BC338-16                    |
| 6E  | SOT23  | FMMT-A93R |   | PNP                         |
| 6E  | SOT23  | MMBF5460  |   | FET                         |
| 6E  | SOT23  | MMBF5460  | F | p-ch jfet 2N5460            |
| 6E  | SOT23  | MUN2115   | N | pnp gp with 10k Wypr. res   |
| 6E  | SOT23R | FMMT-A93R | R | MPSA93                      |
| 6E  | SOT323 | BC818-16W |   | NPN                         |
| 6E  | SOT323 | MUN5115   | N | MUN2115                     |
| 6ER | SOT23  | BC818-16R | R | BC338-16                    |
| 6Es | SOT23  | BC818-16  | N | BC338-16                    |
| 6Es | SOT323 | BC818-16W | N | BC338-16                    |
| 6F  | SOT23  | BC818-25  |   | NPN                         |
| 6F  | SOT23  | BC818-25  | N | BC338-25                    |
| 6F  | SOT23  | FMMV2102  |   | VCAPdioda                   |
| 6F  | SOT23  | MMBF4860  |   | FET                         |
| 6F  | SOT23  | MMBF4860  | F | 2N4860 n-ch jfet            |
| 6F  | SOT23  | MUN2116   | N | pnp gp with 4k7 Wypr. res   |
| 6F  | SOT323 | BC818-25W |   | NPN                         |
| 6F  | SOT323 | MUN5116   | N | MUN2116                     |
| 6FR | SOT23R | BC818-25R | R | BC338-25                    |
| 6Fs | SOT23  | BC818-25  | N | BC338-25                    |
| 6Fs | SOT323 | BC818-25W | N | BC338-25                    |
| 6G  | >SOT23 | BC818-40  | N | BC338-40                    |

|     |        |            |   |                             |
|-----|--------|------------|---|-----------------------------|
| 6G  | SOT23  | BC818-40   |   | NPN                         |
| 6G  | SOT23  | FMMY2103   |   | VCAPdioda                   |
| 6G  | SOT23  | MMBF4393   |   | FET                         |
| 6G  | SOT23  | MMBF4393   | F | n-ch jfet 2N4393            |
| 6G  | SOT23  | MUN2130    | N | npn gp with 1k0+1k0 biasres |
| 6G  | SOT23  | PMBF4393   |   | FET                         |
| 6G  | SOT323 | BC818-40W  |   | NPN                         |
| 6G  | SOT323 | MUN5130    | N | ial">MUN2130                |
| 6GR | SOT23  | BC818-40R  | R | BC338-40                    |
| 6Gs | SOT23  | BC818-40   | N | BC338-40                    |
| 6Gs | SOT323 | BC818-40W  | N | BC338-40                    |
| 6H  | SOT23  | BC818      |   | NPN                         |
| 6H  | SOT23  | BC818-40   |   | NPN                         |
| 6H  | SOT23  | FMMV2104   |   | VCAPdioda                   |
| 6H  | SOT23  | MMBD354    |   | H/Cdioda-2x                 |
| 6H  | SOT23  | MMBF5486   |   | FET                         |
| 6H  | SOT23  | MMBF5486   | F | n-ch jfet 2N5486            |
| 6H  | SOT23  | MUN2131    | N | npn gp with 2k2+2k2 biasres |
| 6H  | SOT23  | PMBF5486   |   | FET                         |
| 6H  | SOT323 | BC818W     |   | NPN                         |
| 6H  | SOT323 | MUN5131    | N | MUN2121                     |
| 6J  | SOT23  | FMMV2105   |   | VCAPdioda                   |
| 6J  | SOT23  | MMBF4391   |   | FET                         |
| 6J  | SOT23  | MMBF4391   | F | n-ch jfet 2N4391            |
| 6J  | SOT23  | MUN2132    | N | npn gp with 4k7+4k7 biasres |
| 6J  | SOT23  | PMBF4391   |   | FET                         |
| 6J  | SOT323 | MUN5132    | N | MUN2132                     |
| 6K  | SOT23  | FMMV2106   |   | VCAPdioda                   |
| 6K  | SOT23  | MMBF4392   |   | FET                         |
| 6K  | SOT23  | MMBF4932   | F | n-ch jfet 2N4932            |
| 6K  | SOT23  | MUN2133    | N | npn gp with 4k7+47k biasres |
| 6K  | SOT23  | PMBF4392   |   | FET                         |
| 6K  | SOT323 | MUN5133    | N | MUN2133                     |
| 6L  | SOT23  | FMMV2107   |   | VCAPdioda                   |
| 6L  | SOT23  | MMBF5459   |   | FET                         |
| 6L  | SOT23  | MMBF5459   | F | n-ch jfet 2N5459            |
| 6L  | SOT23  | MUN2134    | N | npn gp with 22k+47k biasres |
| 6L  | SOT323 | MUN5134    | N | MUN2134                     |
| 6M  | SOT23  | FMMV2108   |   | VCAPdioda                   |
| 6M  | SOT23  | MMBF5485   | F | n-ch jfet vhf 2N5485        |
| 6M  | SOT23  | PMBF5485   |   | FET                         |
| 6N  | SOT23  | FMMV2109   |   | VCAPdioda                   |
| 6N  | SOT23  | MMBF4861   | F | n-ch jfet sw/chopper        |
| 6P  |        | MMBFJ111   | F | J111 n-ch jfet              |
| 6P  |        | MMBFJ113   | F | J113 n-ch jfet              |
| 6P  | SOT23  | BCX71HR    |   | PNP                         |
| 6P  | SOT23R | BCX71HR    | R | BCX79                       |
| 6Q  |        | MMBFJ305   | F | n-ch jfet vhf J305          |
| 6R  |        | MMBFJ112   | F | J112 n-ch jfet              |
| 6R  | SOT23  | FMMV2101   |   | VCAPdioda                   |
| 6S  |        | MMSD71     | C | gp Si diode                 |
| 6S  | SOT23  | PMBFJ176   |   | FET                         |
| 6T  |        | BCW68GR    | R | npn 45V 0.8A 350mW          |
| 6T  | SOT23  | BCW68GR    |   | PNP                         |
| 6T  | SOT23  | MMBFJ310   |   | FET                         |
| 6T  | SOT23  | MMBFJ310   | F | uhf n-ch jfet J310          |
| 6U  | SOT23  | MMBFJ309   |   | FET                         |
| 6U  | SOT23  | MMBFJ309   | F | uhf n-ch jfet J309          |
| 6V  |        | MMBFJ174   | F | J174 p-ch jfet sw/chopper   |
| 6V  | SOT23  | BCW65CR    |   | NPN                         |
| 6V2 | SOT346 | PZM6.2NB   | C | 6.2V 0.3W zener             |
| 6V8 | SOT346 | PZM6.8NB   | C | 6.8V 0.3W zener             |
| 6W  | SOT23  | BCW67CR    |   | PNP                         |
| 6W  | SOT23  | MMBFJ175   |   | FET                         |
| 6W  | SOT23  | MMBFJ175   | F | J175 p-ch jfet              |
| 6W  | SOT23  | PMBFJ175   |   | FET                         |
| 6X  |        | MMBFJ176   | F | J176 p-ch jfet sw/chopper   |
| 6X  | SOT23  | PMBFJ174   |   | FET                         |
| 6Y  | SOT23  | MMBFJ177   |   | FET                         |
| 6Y  | SOT23  | MMBFJ177   | F | J177 p-ch jfet              |
| 6Y  | SOT23  | PMBFJ177   |   | FET                         |
| 6Y2 | SOT89  | BZV49-C6V2 |   | zener.                      |

|           |        |            |    |                           |
|-----------|--------|------------|----|---------------------------|
| 6Y2       | SOT89  | BZV49-C6V2 | O  | 6.2V 1W zener             |
| 6Y8       | SOT89  | BZV49-C6V8 |    | zener.                    |
| 6Y8       | SOT89  | BZV49-C6V8 | O  | 6.8V 1W zener             |
| 6Z        | SOT23  | MMBF170    |    | FET                       |
| 6Z        | SOT23  | MMBF170    | M  | mosfet n-ch Vds 60V       |
| 7 (white) | SCD80  | BBY55-02W  | I  | UHF Varicap               |
| 70        | SOT173 | BFQ70      | CX | npn fT 5.2GHz 15V 35mA    |
| 702       | SOT23  | 2N7002     |    | MOSFET                    |
| 702       | SOT23  | 2N7002     | M  | n-ch mosfet 60V 0.11A     |
| 704       | SOT89  | FCX704     |    | PNP                       |
| 71        | SOT173 | BFQ71      | CX | npn fT 5.2GHz 15V 30mA    |
| 712       | SOT23  | NDS7002A   | M  | n-ch mosfet 60V 0.28A     |
| 717       | SOT23  | FMMT717    |    | PNP                       |
| 717       | SOT23  | FMMT717    | N  | pnP sw 0.625W 2.5A 12V    |
| 718       | SOT23  | FMMT718    |    | PNP                       |
| 718       | SOT23  | FMMT718    | N  | pnP sw 0.625W 1.5A 20V    |
| 72        | SOT173 | BFQ72      | CX | npn fT 5.1GHz 15V 50mA    |
| 72        | SOT23  | 2N7002     |    | MOSFET                    |
| 72        | SOT23  | 2N7002     | M  | n-ch mosfet 60V 170mA     |
| 720       | SOT23  | FMMT720    |    | PNP                       |
| 720       | SOT23  | FMMT720    | N  | pnP sw 0.625W 1.5A        |
| 722       | SOT23  | FMMT722    |    | PNP                       |
| 723       | SOT23  | FMMT723    |    | PNP                       |
| 73        |        | 2SC5004    | N  | npn RF 5GHz @5V 5mA       |
| 73        | SOT173 | BFQ73      | CX | npn fT 4.9GHz 15V 75mA    |
| 73        | SOT23  | BAS70      |    | dioda                     |
| 73-       | SOT323 | BAS70W     | C  | schottky diode 70V 50mA   |
| 73p       | SOT23  | BAS70      | C  | schottky diode 70V 50mA   |
| 73S       | SOT173 | BFQ73S     | CX | npn fT 5.3GHz 15V 100mA   |
| 73s       | SOT23  | BAS70      | C  | schottky diode 70V 50mA   |
| 73t       | SOT23  | BAS70      | C  | schottky diode 70V 50mA   |
| 73t       | SOT323 | BAS70W     | C  | schottky diode 70V 50mA   |
| 74        |        | 2SC5005    | N  | npn RF 5.5GHz @5V 5mA     |
| 74        | SOT173 | BFQ74      | CX | npn fT 6GHz 16V 35mA      |
| 74        | SOT23  | BAS70-04   |    | dioda-2x                  |
| 74p       | SOT23  | BAS70-04   | D  | dual series BAS70         |
| 74s       | SOT23  | BAS70-04   | D  | dual series BAS70         |
| 74t       | SOT23  | BAS70-04   | D  | dual series BAS70         |
| 74t       | SOT323 | BAS70-04W  | D  | dual series BAS70         |
| 75        | SOT173 | BFQ75      | CX | pnP fT 5GHz 12V 50mA      |
| 75        | SOT23  | BAS70-05   |    | dioda-2x                  |
| 75-       | SOT323 | BAS70-05W  | B  | dual cc BAS70             |
| 751       | SOT346 | PZM7.5NB1  | C  | 7.5V 0.3W zener           |
| 752       | SOT346 | PZM7.5NB2  | C  | 7.5V 0.3W zener           |
| 753       | SOT346 | PZM7.5NB3  | C  | 7.5V 0.3W zener           |
| 75p       | SOT23  | BAS70-05   | B  | dual cc BAS70             |
| 75s       | SOT23  | BAS70-05   | B  | dual cc BAS70             |
| 75s       | SOT323 | BAS70-05W  | B  | dual cc BAS70             |
| 75t       | SOT23  | BAS70-05   | B  | dual cc BAS70             |
| 75t       | SOT323 | BAS70-05W  | B  | dual cc BAS70             |
| 75Y       | SOT89  | BZV49-C75  |    | zener.                    |
| 75Y       | SOT89  | BZV49-C75  | O  | 75V 1W zener              |
| 76        | SOT173 | BFQ76      | CX | pnP fT 5GHz 15V 30mA      |
| 76        | SOT23  | BAS70-06   |    | dioda-2x                  |
| 76-       | SOT323 | BAS70-06W  | A  | dual ca BAS70             |
| 76p       | SOT23  | BAS70-06   | A  | dual ca BAS70             |
| 76s       | SOT23  | BAS70-06   | A  | dual ca BAS70             |
| 76t       | SOT23  | BAS70-06   | A  | dual ca BAS70             |
| 76t       | SOT323 | BAS70-06W  | A  | dual ca BAS70             |
| 77        | SOT143 | BAS70-07   |    | dioda-2x                  |
| 77        | SOT173 | BFQ77      | CX | npn fT 7GHz 15V 20mA      |
| 779       | SOT23  | S779T      |    | PNP                       |
| 77s       | SOT143 | BAS70-07   | S  | dual BAS70                |
| 77s       | SOT343 | BAS70-07   | S  | dual BAS70                |
| 78        | SOT23  | MMBT4258   | N  | pnP sw fT 700MHz          |
| 7A        | SOT23  | MMBR901    |    | NPN                       |
| 7A        | SOT23  | MMBR901    | N  | npn RF MRF901             |
| 7A        | SOT363 | MUN5211DW1 | DN | dual npn 10k+10k bias res |
| 7A5       | SOT346 | PZM7.5NB2A | A  | dual ca 7.5V 0.3W zener   |
| 7B        | SOT23  | MMBR920    |    | NPN                       |
| 7B        | SOT23  | MMBR920    | N  | npn RF ?MRF920            |
| 7B        | SOT363 | MUN5212DW1 | DN | dual npn 22k+22k bias res |

|           |         |            |    |                             |
|-----------|---------|------------|----|-----------------------------|
| 7C        | SOT23   | MMBR930    |    | NPN                         |
| 7C        | SOT23   | MMBR930    | N  | npn RF ?MRF930              |
| 7C        | SOT23   | YTS4123    |    | NPN                         |
| 7C        | SOT363  | MUN5213DW1 | DN | dual npn 47k+47k bias res   |
| 7D        |         | HD4A       | A  | ca dual HD3A                |
| 7D        | SOT23   | HD4A       |    | dioda-2x                    |
| 7D        | SOT23   | MMBR931    |    | NPN                         |
| 7D        | SOT23   | MMBR931    | N  | npn RF ?MRF931              |
| 7D        | SOT363  | MUN5214DW1 | DN | dual npn 10k+47k bias res   |
| 7E        |         | FMMT-A42R  | R  | MPSA42                      |
| 7E        |         | MMBR2060   | N  | npn RF fT 1GHz Vce 30V 50mA |
| 7E        | SOT23   | FMMT-A42R  |    | NPN                         |
| 7E        | SOT23   | MMBR2060   |    | NPN                         |
| 7E        | SOT23   | YTS2221    |    | NPN                         |
| 7E        | SOT363  | MUN5215DW1 | DN | dual npn 10k Wypr. res      |
| 7F        |         | MMBR4957   | N  | npn RF fT 1.2GHz 30V 30mA   |
| 7F        | SOT23   | MMBR4957   |    | PNP                         |
| 7F        | SOT23   | YTS2221A   |    | NPN                         |
| 7F        | SOT363  | MUN5211DW1 | DN | dual npn 4k7 Wypr. res      |
| 7G        | SOT23   | MMBR5031   |    | NPN                         |
| 7G        | SOT23   | MMBR5031   | N  | npn RF fT 1GHz 10V 20mA     |
| 7G        | SOT363  | MUN5230DW1 | DN | dual npn 1k0+1k0 bias res   |
| 7H        | SOT23   | MMBR5179   |    | NPN                         |
| 7H        | SOT23   | MMBR5179   | N  | npn RF 2N5179/BFY90         |
| 7H        | SOT363  | MUN5231DW1 | DN | dual npn 2k2+2k2 bias res   |
| 7I        | SOT23   | YTS4400    |    | NPN                         |
| 7J        | SOT23   | FMMT38C    |    | NPN                         |
| 7J        | SOT23   | FMMT38C    | N  | BCX38C                      |
| 7J        | SOT363  | MUN5232DW1 | DN | dual npn 4k7+4k7 bias res   |
| 7K        |         | MMBR2857   | N  | npn RF fT 1GHz Vce 15V 40mA |
| 7K        | SOT23   | MMBR2857   |    | NPN                         |
| 7K        | SOT363  | MUN5233DW1 | DN | dual npn 4k7+47k bias res   |
| 7L        | SOT3636 | MUN5234DW1 | DN | dual npn 22k+47k bias res   |
| 7M        | SOT23   | BCW66HR    |    | NPN                         |
| 7M        | SOT23   | MMBR521L   | N  | pnp RF MRF521               |
| 7M        | SOT363  | MUN5235DW1 | DN | dual npn 2k2+47k bias res   |
| 7N        | SOT23   | BCW68HR    |    | PNP                         |
| 7N        | SOT23   | MMBR941BL  | N  | npn RF fT 8GHz MRF941       |
| 7P        | SOT23   | BCW66FR    |    | NPN                         |
| 7P        | SOT23   | MMBR911    |    | NPN                         |
| 7P        | SOT23   | MMBR911L   | N  | npn RF fT 6GHz MRF911       |
| 7P        | SOT23R  | BCW66FR    | R  | npn 45V 0.8A 350mW          |
| 7R        |         | MMBR536    | N  | npn RF MRF536               |
| 7R        | SOT23   | MMBR536    |    | PNP                         |
| 7T        | SOT23   | BCW68FR    |    | PNP                         |
| 7V5       | SOT346  | PZM7.5NB   | C  | 7.5V 0.3W zener             |
| 7X        | SOT23   | MMBR571    |    | NPN                         |
| 7X        | SOT23   | MMBR571L   | N  | npn RF fT 8GHz MRF571       |
| 7Y        | SOT23   | MMBR941L   | N  | npn RF fT 8GHz MRF941       |
| 7Y5       | SOT89   | BZV49-C7V5 |    | zener.                      |
| 7Y5       | SOT89   | BZV49-C7V5 | O  | 7.5V 1W zener               |
| 7Z        | SOT23   | MMBR951L   | N  | npn RF fT 7.5GHz MRF951     |
| 8(yellow) | SOD323  | BBY58-03W  | I  | varicap                     |
| 81A       | SOT23   | FMMZ5250   |    | zener.                      |
| 81A       | SOT23   | MMBZ5250   |    | zener.                      |
| 81A       | SOT23   | MMBZ5250B  | C  | 20V zener 0.225W            |
| 81A       | SOT23   | PMBZ5250B  |    | zener.dioda                 |
| 81A       | SOT23   | PMBZ5250B  | C  | 20V zener 0.225W            |
| 81B       | SOT23   | FMMZ5251   |    | zener.                      |
| 81B       | SOT23   | MMBZ5251   |    | zener.                      |
| 81B       | SOT23   | MMBZ5251B  | C  | 22V zener 0.225W            |
| 81B       | SOT23   | PMBZ5251B  |    | zener.dioda                 |
| 81B       | SOT23   | PMBZ5251B  | C  | 22V zener 0.225W            |
| 81C       | SOT23   | FMMZ5252   |    | zener.                      |
| 81C       | SOT23   | MMBZ5252   |    | zener.                      |
| 81C       | SOT23   | MMBZ5252B  | C  | 24V zener 0.225W            |
| 81C       | SOT23   | PMBZ5252B  |    | zener.dioda                 |
| 81C       | SOT23   | PMBZ5252B  | C  | 24V zener 0.225W            |
| 81D       | SOT23   | FMMZ5253   |    | zener.                      |
| 81D       | SOT23   | MMBZ5253   |    | zener.                      |
| 81D       | SOT23   | MMBZ5253B  | C  | 25V zener 0.225W            |
| 81D       | SOT23   | PMBZ5253B  |    | zener.dioda                 |

|     |        |            |   |                              |
|-----|--------|------------|---|------------------------------|
| 81D | SOT23  | PMBZ5253B  | C | 25V zener 0.225W             |
| 81E | SOT23  | FMMZ5254   |   | zener.                       |
| 81E | SOT23  | MMBZ5254   |   | zener.                       |
| 81E | SOT23  | MMBZ5254B  | C | 27V zener 0.225W             |
| 81E | SOT23  | PMBZ5254B  |   | zener.dioda                  |
| 81E | SOT23  | PMBZ5254B  | C | 27V zener 0.225W             |
| 81F | SOT23  | FMMZ5255   |   | zener.                       |
| 81F | SOT23  | MMBZ5255   |   | zener.                       |
| 81F | SOT23  | MMBZ5255B  | C | 28V zener 0.225W             |
| 81F | SOT23  | PMBZ5255B  |   | zener.dioda                  |
| 81F | SOT23  | PMBZ5255B  | C | 28V zener 0.225W             |
| 81G | SOT23  | FMMZ5256   |   | zener.                       |
| 81G | SOT23  | MMBZ5256   |   | zener.                       |
| 81G | SOT23  | MMBZ5256B  | C | 30V zener 0.225W             |
| 81G | SOT23  | PMBZ5256B  |   | zener.dioda                  |
| 81G | SOT23  | PMBZ5256B  | C | 30V zener 0.225W             |
| 81H | SOT23  | FMMZ5257   |   | zener.                       |
| 81H | SOT23  | MMBZ5257   |   | zener.                       |
| 81H | SOT23  | MMBZ5257B  | C | 33V zener 0.225W             |
| 81H | SOT23  | PMBZ5257B  |   | zener.dioda                  |
| 81H | SOT23  | PMBZ5257B  | C | 33V zener 0.225W             |
| 82  |        | 2SC5009    | N | npn RF fT 12GHz @ 3V 5mA     |
| 821 | SOT23  | PZM8.2NB1  | C | 8.2V 0.3W zener              |
| 822 |        | S822T      | X | npn RF fT 5.2GHz 6V 8mA      |
| 822 | SOT23  | PZM8.2NB2  | C | 8.2V 0.3W zener              |
| 823 | SOT23  | PZM8.2NB3  | C | 8.2V 0.3W zener              |
| 82P |        | BFP182T    | X | npn RF fT 7.5GHz 10V 35mA    |
| 83  |        | 2SC5010    | N | npn RF fT 12GHz 3V 10mA      |
| 83  |        | MMBT4400   | N | npn 2N4400                   |
| 83  | SOT23  | BAT68      |   | dioda                        |
| 83P |        | BFP183T    | X | npn RF fT 7.4GHz 10V 65mA    |
| 83s | SOT23  | BAT68      | C | gp Schottky 8V 130mA         |
| 83s | SOT323 | BAT68W     | C | gp Schottky 8V 130mA         |
| 84  | SOT23  | BAT68-04   |   | dioda-2x                     |
| 84s | SOT23  | BAT68-04   | D | dual ser gp Schottky 8V130mA |
| 84s | SOT323 | BAT68-04W  | D | dual ser gp Schottky 8V130mA |
| 85  |        | MMBD1701   | C | Fast Si diode 30V 50mA       |
| 85  | SOT23  | BAT68-05   |   | dioda-2x                     |
| 852 |        | S852T      | N | npn RF fT 5.2GHz 6V 8mA      |
| 85s | SOT23  | BAT68-05   | B | gp dual cc Schottky 8V 130mA |
| 85s | SOT323 | BAT68-05W  | B | gp dual cc Schottky 8V 130mA |
| 86  |        | MMBD1702   | K | Fast Si diode 30V 50mA       |
| 86  | SOT23  | BAT68-06   |   | dioda-2x                     |
| 86s | SOT23  | BAT68-06   | A | gp dual ca Schottky 8V 130mA |
| 86s | SOT323 | BAT68-06W  | A | gp dual ca Schottky 8V 130mA |
| 87  |        | MMBD1703   | D | dual ser MMBD1701            |
| 879 | SOT23  | S879T      |   | PNP                          |
| 87s | SOT143 | BAT68-07   | S | gp dual Schottky 8V 130mA    |
| 88  |        | MMBD1704   | B | dual cc MMBD1701             |
| 888 |        | S888T      | W | n-ch dg uhf mosfet           |
| 89  |        | MMBD1705   | A | dual ca MMBD1701             |
| 8A  | SC59   | MUN2211T1  |   | NPN                          |
| 8A  | SOT23  | MMBZ5226B  | C | 3.3V zener 0.225W            |
| 8A  | SOT23  | MUN2211    | N | npn gp with 10k+10k biasres  |
| 8A  | SOT23  | PMBZ5226B  |   | zener.dioda                  |
| 8A  | SOT323 | MUN5211    | N | MUN2211                      |
| 8A  | SOT323 | MUN5211T1  |   | NPN                          |
| 8A2 | SOT23  | PZM8.2NB2A | C | dual ca 8.2V 0.3W zener      |
| 8B  | SC59   | MUN2212T1  |   | NPN                          |
| 8B  | SOT23  | MMBZ5227   |   | zener.                       |
| 8B  | SOT23  | MMBZ5227B  | C | 3.6V zener 0.225W            |
| 8B  | SOT23  | MUN2212    | N | npn gp with 22k+22k biasres  |
| 8B  | SOT23  | PMBZ5227B  |   | zener.dioda                  |
| 8B  | SOT323 | MUN5212    | N | MUN2212                      |
| 8B  | SOT323 | MUN5212T1  |   | NPN                          |
| 8C  | SC59   | MUN2213T1  |   | NPN                          |
| 8C  | SOT23  | MMBZ5228   |   | zener.                       |
| 8C  | SOT23  | MMBZ5228B  | C | 3.9V zener 0.225W            |
| 8C  | SOT23  | MUN2213    | N | npn gp with 47k+47k biasres  |
| 8C  | SOT23  | PMBZ5228B  |   | zener.dioda                  |
| 8C  | SOT323 | MUN5213    | N | MUN2213                      |
| 8C  | SOT323 | MUN5213T1  |   | NPN                          |

|    |        |           |   |                             |
|----|--------|-----------|---|-----------------------------|
| 8D | SC59   | MUN2214T1 |   | NPN                         |
| 8D | SOT23  | MMBZ5229  |   | zener.                      |
| 8D | SOT23  | MUN2214   | N | npn gp with 10k+47k biasres |
| 8D | SOT23  | PMBZ5229B |   | zener.dioda                 |
| 8D | SOT323 | MUN5214   | N | MUN2214                     |
| 8D | SOT323 | MUN5214T1 |   | NPN                         |
| 8E | SOT23  | FMMT-A92R |   | PNP                         |
| 8E | SOT23  | MMBZ5230  |   | zener.                      |
| 8E | SOT23  | MMBZ5230B | C | 4.7V zener 0.225W           |
| 8E | SOT23  | MUN2215   | N | npn gp with 10k Wypr. res   |
| 8E | SOT23  | PMBZ5230B |   | zener.dioda                 |
| 8E | SOT23R | FMMT-A92R | R | MPSA92                      |
| 8E | SOT323 | MUN5215   | N | MUN2215                     |
| 8F | SOT23  | MMBZ5231  |   | zener.                      |
| 8F | SOT23  | MMBZ5231B | C | 5.1V zener 0.225W           |
| 8F | SOT23  | MUN2216   | N | npn gp with 4k7 Wypr. resr  |
| 8F | SOT23  | PMBZ5231B |   | zener.dioda                 |
| 8F | SOT323 | MUN5216   | N | MUN2216                     |
| 8G | SOT23  | FMMZ5232  |   | zener.                      |
| 8G | SOT23  | MMBZ5232  |   | zener.                      |
| 8G | SOT23  | MMBZ5232B | C | 5.6V zener 0.225W           |
| 8G | SOT23  | MUN2230   | N | npn gp with 1k0+1k0 biasres |
| 8G | SOT23  | PMBZ5232B |   | zener.dioda                 |
| 8G | SOT323 | MUN5230   | N | MUN2230                     |
| 8H | SOT23  | FMMZ5233  |   | zener.                      |
| 8H | SOT23  | MMBZ5233  |   | zener.                      |
| 8H | SOT23  | MMBZ5233B | C | 6.0V zener 0.225W           |
| 8H | SOT23  | MUN2231   | N | npn gp with 2k2+2k2 biasres |
| 8H | SOT23  | PMBZ5233B |   | zener.dioda                 |
| 8H | SOT323 | MUN5231   | N | MUN2231                     |
| 8J | SOT23  | FMMZ5234  |   | zener.                      |
| 8J | SOT23  | MMBZ5234  |   | zener.                      |
| 8J | SOT23  | MMBZ5234B | C | 6.2V zener 0.225W           |
| 8J | SOT23  | MUN2232   | N | npn gp with 4k7+4k7 biasres |
| 8J | SOT23  | PMBZ5234B |   | zener.dioda                 |
| 8J | SOT323 | MUN5232   | N | MUN2232                     |
| 8K | SOT23  | FMMZ5235  |   | zener.                      |
| 8K | SOT23  | MMBZ5235  |   | zener.                      |
| 8K | SOT23  | MMBZ5235B | C | 6.8V zener 0.225W           |
| 8K | SOT23  | MUN2233   | N | npn gp with 4k7+47k biasres |
| 8K | SOT23  | PMBZ5235B |   | zener.dioda                 |
| 8K | SOT323 | MUN5233   | N | MUN2233                     |
| 8L | SOT23  | FMMZ5236  |   | zener.                      |
| 8L | SOT23  | MMBZ5236  |   | zener.dioda                 |
| 8L | SOT23  | MMBZ5236B | C | 7.5V zener 0.225W           |
| 8L | SOT23  | MUN2234   | N | npn gp with 22k+47k biasres |
| 8L | SOT23  | PMBZ5236B |   | zener.dioda                 |
| 8L | SOT323 | MUN5234   | N | MUN2234                     |
| 8M | SOT23  | FMMZ5237  |   | zener.                      |
| 8M | SOT23  | MMBZ5237  |   | zener.                      |
| 8M | SOT23  | MMBZ5237B | C | 8.2V zener 0.225W           |
| 8M | SOT23  | PMBZ5237B |   | zener.dioda                 |
| 8N | SOT23  | FMMZ5238  |   | zener.                      |
| 8N | SOT23  | MMBZ5238  |   | zener.                      |
| 8N | SOT23  | MMBZ5238B | C | 8.7V zener 0.225W           |
| 8N | SOT23  | PMBZ5238B |   | zener.dioda                 |
| 8P | SOT23  | FMMZ5239  |   | zener.                      |
| 8P | SOT23  | MMBZ5239  |   | zener.                      |
| 8P | SOT23  | MMBZ5239B | C | 9.1V zener 0.225W           |
| 8P | SOT23  | PMBZ5239B |   | zener.dioda                 |
| 8Q | SOT23  | FMMZ5240  |   | zener.                      |
| 8Q | SOT23  | MMBZ5240  |   | zener.                      |
| 8Q | SOT23  | MMBZ5240B | C | 10V zener 0.225W            |
| 8Q | SOT23  | PMBZ5240B |   | zener.dioda                 |
| 8R | SOT23  | FMMZ5241  |   | zener.                      |
| 8R | SOT23  | MMBZ5241  |   | zener.                      |
| 8R | SOT23  | MMBZ5241B | C | 11V zener 0.225W            |
| 8R | SOT23  | PMBZ5241B |   | zener.dioda                 |
| 8S | SOT23  | FMMZ5242  |   | zener.                      |
| 8S | SOT23  | MMBZ5242  |   | zener.                      |
| 8S | SOT23  | MMBZ5242B | C | 12V zener 0.225W            |
| 8S | SOT23  | PMBZ5242B |   | zener.dioda                 |

|     |        |            |   |                             |
|-----|--------|------------|---|-----------------------------|
| 8T  | SOT23  | FMMZ5243   |   | zener.                      |
| 8T  | SOT23  | MMBZ5243   |   | zener.                      |
| 8T  | SOT23  | MMBZ5243B  | C | 13V zener 0.225W            |
| 8T  | SOT23  | PMBZ5243B  |   | zener.dioda                 |
| 8U  | SOT23  | FMMZ5244   |   | zener.                      |
| 8U  | SOT23  | MMBZ5244   |   | zener.                      |
| 8U  | SOT23  | MMBZ5244B  | C | 14V zener 0.225W            |
| 8U  | SOT23  | PMBZ5244B  |   | zener.dioda                 |
| 8V  | SOT23  | FMMZ5245   |   | zener.                      |
| 8V  | SOT23  | MMBZ5245   |   | zener.                      |
| 8V  | SOT23  | MMBZ5245B  | C | 15V zener 0.225W            |
| 8V  | SOT23  | PMBZ5245B  |   | zener.dioda                 |
| 8V2 | SOT23  | PZM8.2NB   | C | 8.2V 0.3W zener             |
| 8W  | SOT23  | FMMZ5246   |   | zener.                      |
| 8W  | SOT23  | MMBZ5246   |   | zener.                      |
| 8W  | SOT23  | MMBZ5246B  | C | 16V zener 0.225W            |
| 8W  | SOT23  | PMBZ5246B  |   | zener.dioda                 |
| 8X  | SOT23  | FMMZ5247   |   | zener.                      |
| 8X  | SOT23  | MMBZ5247   |   | zener.                      |
| 8X  | SOT23  | MMBZ5247B  | C | 17V zener 0.225W            |
| 8X  | SOT23  | PMBZ5247B  |   | zener.dioda                 |
| 8Y  | SOT23  | FMMZ5248   |   | zener.                      |
| 8Y  | SOT23  | MMBZ5248   |   | zener.                      |
| 8Y  | SOT23  | MMBZ5248B  | C | 18V zener 0.225W            |
| 8Y  | SOT23  | PMBZ5248B  |   | zener.dioda                 |
| 8Y2 | SOT89  | BZV49-C8V2 |   | zener.                      |
| 8Y2 | SOT89  | BZV49-C8V2 | O | 8.2V 1W zener               |
| 8Z  | SOT23  | FMMZ5249   |   | zener.                      |
| 8Z  | SOT23  | MMBZ5249   |   | zener.                      |
| 8Z  | SOT23  | MMBZ5249B  | C | 19V zener 0.225W            |
| 8Z  | SOT23  | PMBZ5249B  |   | zener.dioda                 |
| 9   | SOT23  | BC849      | N | BC 549B                     |
| 911 | SOT346 | PZM9.1NB1  | C | 9.1V 0.3W zener             |
| 912 | SOT346 | PZM9.1NB2  | C | 9.1V 0.3W zener             |
| 913 | SOT346 | PZM9.1NB3  | C | 9.1V 0.3W zener             |
| 91A | SOT23  | FMMT591A   |   | PNP                         |
| 91A | SOT23  | FMMT591A   | N | pnp 40V 1A 0.5W fT 150 MHz  |
| 92V |        | BFP92A     | W | nnp RF 6GHz 16V 30mA        |
| 94  |        | DTA114T    | N | pnp sw 50V 100mA +Wypr.res  |
| 95  |        | DTA124T    | N | pnp sw 50V 100mA + Wypr.res |
| 97  | SOT143 | BCV65      |   | NPN/PNP                     |
| 98  | SOT143 | BCV65B     |   | NPN/PNP                     |
| 9A  | SOT23  | FMMT2369RA |   | NPN                         |
| 9A  | SOT23  | PLVA650A   |   | dioda                       |
| 9A  | SOT23  | PLVA650A   | C | 5.0V avalanche reg diode    |
| 9A1 | SOT346 | PZM9.1NB2A | A | dual ca 9.1V 0.3W zener     |
| 9B  | SOT23  | PLVA653A   |   | dioda                       |
| 9B  | SOT23  | PLVA653A   | C | 5.3V avalanche reg diode    |
| 9C  | SOT23  | PLVA656A   |   | dioda                       |
| 9C  | SOT23  | PLVA656A   | C | 5.6V avalanche reg diode    |
| 9D  | SOT23  | PLVA659A   |   | dioda                       |
| 9D  | SOT23  | PLVA659A   | C | 5.9V avalanche reg diode    |
| 9E  | SOT23  | PLVA662A   | C | 6.2V avalanche reg diode    |
| 9E  | SOT23  | PLVA662A   |   | dioda                       |
| 9F  | SOT23  | PLVA665A   |   | dioda                       |
| 9F  | SOT23  | PLVA665A   | C | 6.5V avalanche reg diode    |
| 9G  | SOT23  | PLVA668A   |   | dioda                       |
| 9G  | SOT23  | PLVA668A   | C | 6.8V avalanche reg diode    |
| 9J  | SOT23  | PLVA2650A  | A | dual ca 5.0V reg diode      |
| 9K  | SOT23  | PLVA2653A  | A | dual ca 5.3V reg diode      |
| 9L  | SOT23  | PLVA2656A  | A | dual 5.60V reg diode        |
| 9M  | SOT23  | PLVA2659A  | A | dual ca 5.9V reg diode      |
| 9N  | SOT23  | PLVA2662A  | A | dual ca 6.2V reg diode      |
| 9O  | SOT23  | PLVA2665A  | A | dual ca 6.5V reg diode      |
| 9P  | SOT23  | BCX70HR    |   | NPN                         |
| 9P  | SOT23  | PLVA2668A  | A | dual ca 6.8V reg diode      |
| 9R  | SOT23  | FMMT2369R  |   | NPN                         |
| 9V1 | SOT346 | PZM9.1NB   | C | 9.1V 0.3W zener             |
| 9Y1 | SOT89  | BZV49-C9V1 |   | zener.                      |
| 9Y1 | SOT89  | BZV49-C9V1 | O | 9.1V 1W zener               |
| A   | SCD80  | BA892      | I | 35V 100mA pin               |
| A   | SOT323 | MRF947     | N | nnp RF 8 GHz                |

|     |        |            |    |                              |
|-----|--------|------------|----|------------------------------|
| A   | SOT89  | 2SA1200    |    | PNP                          |
| A   | USM    | 1SS355     | I  | 100V 50mA sw                 |
| A0  | SOT23  | HSMS-2800  | C  | HP2800 schottky              |
| A0  | SOT323 | HSMS-280B  | C  | HP2800 schottky              |
| A03 |        | VAM-03     | AQ | modamp MAR 3 Similar         |
| A06 |        | VAM-06     | AQ | modamp MAR 6 Similar         |
| A07 |        | VAM-07     | AQ | modamp MAR 7 Similar         |
| A1  |        | HSMS-2801  | K  | HP2800 schottky              |
| A1  | SOT23  | BAW56      |    | dioda-2x                     |
| A1  | SOT23  | BAW56      | A  | dual ca BAW62 (1N4148)       |
| A1  | SOT323 | BAW56W     |    | dioda-2x                     |
| A1  | SOT323 | BAW56W     | A  | dual ca BAW62 (1N4148)       |
| A11 | SOT23  | MMBD1501A  | C  | 180V 200mA diode             |
| A13 | SOT23  | MMBD1503A  | D  | 180V 200mA dual diode series |
| A14 | SOT23  | MMBD1504A  | B  | 180V 200mA dual diode cc     |
| A15 | SOT23  | MMBD1505A  | A  | 180V 200mA dual diode ca     |
| A1p | SOT23  | BAW56      | A  | dual ca BAW62 (1N4148)       |
| A1s | SC74   | BAW56U     | A  | dual ca BAW62 (1N4148)       |
| A1s | SOT23  | BAW56      | A  | dual ca BAW62 (1N4148)       |
| A1s | SOT323 | BAW56W     | A  | dual ca BAW62 (1N4148)       |
| A1t | SOT363 | BAW56S     |    | dual ca BAW62 (1N4148)       |
| A1t | SOT416 | BAW56T     | A  | dual ca BAW62 (1N4148)       |
| A1X |        | MBAW56     | A  | ditto                        |
| A2  | SOT143 | CFY30      |    | GaAsFET                      |
| A2  | SOT143 | CFY30      | CQ | n-ch GaAsfet 6 GHz           |
| A2  | SOT23  | BAT18      |    | dioda                        |
| A2  | SOT23  | BAT18      | C  | BA482                        |
| A2  | SOT23  | FMMD2836   |    | dioda-2x                     |
| A2  | SOT23  | HSMS-2802  | D  | dual HP2800                  |
| A2  | SOT23  | MMBD2836   |    | dioda-2x                     |
| A2  | SOT23  | MMBD2836   | A  | dual ca sw diode 75V         |
| A2  | SOT23  | PMBD2836   |    | dioda-2x                     |
| A2  | SOT23  | SMBD2836   |    | dioda-2x                     |
| A2  | SOT323 | HSMS-280C  | D  | dual HP2800                  |
| A2  | SOT363 | MBT3906DW1 | DO | dual 2N3906                  |
| A22 | SOD27  | BAS21      | C  | BAV21                        |
| A2s | SOT23  | BAT18      | C  | BA482                        |
| A2X | SOT23  | MMBD2836   | A  | dual ca sw 75V 100mA 15ns    |
| A3  |        | BAS16      | C  | Si sw 75V 100mA              |
| A3  | SOD323 | BAP64-03   | I  | 3 GHz pin diode              |
| A3  | SOT23  | BAS16      |    | dioda                        |
| A3  | SOT23  | BAT17      |    | dioda                        |
| A3  | SOT23  | BAT17      | C  | BA481                        |
| A3  | SOT23  | HSMS-2803  | D  | HP2800 ser pair              |
| A3  | SOT23  | MMBD1005   | A  | dual ca Si diode low leakage |
| A3  | SOT23  | MMBD2835   |    | dioda-2x                     |
| A3  | SOT23  | PMBD2835   |    | dioda-2x                     |
| A3  | SOT23  | SMBD2835   |    | dioda-2x                     |
| A3  | SOT363 | MBT3906DW  | N  | dual 2N3906                  |
| A3p | SOT23  | BAT17      | C  | BA481                        |
| A3T | SC59   | 1PS181     |    | dioda-2x                     |
| A3t | SOT23  | BAT17      | C  | BA481                        |
| A3X | SOT23  | MMBD2835   | A  | dual ca sw 35V 100mA 15nS    |
| A4  | SOT23  | BAV70      |    | dioda-2x                     |
| A4  | SOT23  | HSMS-2804  | B  | dual cc HP2800 schottky      |
| A4  | SOT23  | SMBD2838   |    | diodax2                      |
| A4  | SOT323 | BAV70W     |    | diodax2                      |
| A4  | SOT323 | BAV70W     | B  | dual cc BAW62                |
| A4p | SOT23  | BAV70      | B  | dual cc BAW62                |
| A4s | SC74   | BAV70U     | B  | dual cc BAW62                |
| A4s | SOT23  | BAV70      | B  | dual cc BAW62                |
| A4s | SOT323 | BAV70W     | B  | dual cc BAW62                |
| A4s | SOT416 | BAV70T     | B  | dual cc BAW62                |
| A4t | SOT23  | BAV70      | B  | dual cc BAW62                |
| A4t | SOT363 | BAV70      | B  | dual cc BAW62                |
| A4X |        | MBAV70     | B  | ditto                        |
| A5  | SOD323 | BAP51-03   | I  | GP RF pin diode              |
| A5  | SOT143 | HSMS-2805  | S  | dual HP2800 schottky         |
| A5  | SOT23  | FMMD2837   |    | dioda-2x                     |
| A5  | SOT23  | MMBD1010   | B  | dual cc Si diodes            |
| A5  | SOT23  | MMBD2837   |    | dioda-2x                     |
| A5  | SOT23  | MMBD2837   | B  | dual cc diodes 30V 150mA     |



|     |        |            |    |                              |
|-----|--------|------------|----|------------------------------|
| A5  | SOT23  | PMBD2837   |    | dioda-2x                     |
| A5  | SOT23  | SMBD2837   |    | dioda-2x                     |
| A51 | SOT143 | BRY62      |    |                              |
| A51 | SOT23  | BRY62      |    | PROGUJT                      |
| A5p | SOT143 | BRY61      |    |                              |
| A5t | SOT143 | BRY61      |    |                              |
| A6  | SOD110 | BAS216     | I  | BAW62 (1N4148)               |
| A6  | SOT23  | BAS16      |    | dioda                        |
| A6  | SOT23  | FMMD2838   |    | dioda-2x                     |
| A6  | SOT23  | MMBD2836   | B  | dual sw diode cc 75V         |
| A6  | SOT23  | MMBD2838   |    | dioda-2x                     |
| A6  | SOT23  | PMBD2838   |    | dioda-2x                     |
| A6  | SOT323 | BAS16W     |    | dioda                        |
| A6  | SOT323 | BAS16W     | C  | BAW62 (1N4148)               |
| A6  | SOT416 | BAS16T     | C  | BAW62 (1N4148)               |
| A61 | SOT143 | BAS28      |    | diodax2                      |
| A6A | SOT23  | MMUN2111   | N  | pnnp gp with 10k+10k biasres |
| A6A | SOT23  | MMUN2111T1 |    | PNP                          |
| A6B | SOT23  | MMUN2112   | N  | pnnp gp with 22k+22k biasres |
| A6B | SOT23  | MMUN2112T1 |    | PNP                          |
| A6C | SOT23  | MMUN2113   | N  | pnnp gp with 47k+47k biasres |
| A6C | SOT23  | MMUN2113T1 |    | PNP                          |
| A6D | SOT23  | MMUN2114   | N  | pnnp gp with 10k+10k biasres |
| A6D | SOT23  | MMUN2114T1 |    | PNP                          |
| A6E | SOT23  | MMUN2115   | N  | pnnp gp with 10k Wypr. res   |
| A6F | SOT23  | MMUN2116   | N  | pnnp gp with 4k7 Wypr. res   |
| A6G | SOT23  | MMUN2130   | N  | pnnp gp with 1k0+1k0 biasres |
| A6H | SOT23  | MMUN2131   | N  | pnnp gp with 2k2+2k2 biasres |
| A6J | SOT23  | MMUN2132   | N  | pnnp gp with 4k7+4k7 biasres |
| A6K | SOT23  | MMUN2133   | N  | pnnp gp with 4k7+47k biasres |
| A6L | SOT23  | MMUN2134   | N  | pnnp gp with 4k7+47k biasres |
| A6p | SOD323 | BAS316     | I  | BAW62 (1N4148)               |
| A6p | SOT23  | BAS16      | C  | BAW62 (1N4148)               |
| A6s | SC74   | BAS16U     | C  | BAW62 (1N4148)               |
| A6s | SOT23  | BAS16      | C  | BAW62 (1N4148)               |
| A6s | SOT323 | BAS16W     | C  | BAW62 (1N4148)               |
| A6t | SOT23  | BAS16      | C  | BAW62 (1N4148)               |
| A6X | SOT23  | MMBD2838   | B  | dual sw 50V 100mA            |
| A7  | SOT143 | HSMS-2807  | RQ | HP2800 ring quad             |
| A7  | SOT23  | BAV99      |    | dioda-2x                     |
| A7  | SOT23  | BAV99      | D  | dual ser BAW92               |
| A7  | SOT323 | BAV99W     |    | dioda-2x                     |
| A7  | SOT323 | BAV99W     | D  | dual ser BAW92               |
| A7s | SC74   | BAV99U     | D  | dual ser BAW92               |
| A7s | SC75   | BAV99T     | D  | dual ser BAW92               |
| A7s | SOT23  | BAV99      | D  | dual ser BAW92               |
| A7s | SOT323 | BAV99W     | D  | dual ser BAW92               |
| A8  | SOD323 | BAP50-03   | I  | GP RF pin diode              |
| A8  | SOT143 | HSMS-2808  | BQ | HP2800 bridge quad           |
| A8  | SOT23  | BAS19      |    | dioda                        |
| A8  | SOT23  | BAS19      | C  | BAV19                        |
| A81 | SOT23  | BAS20      |    | dioda                        |
| A81 | SOT23  | BAS20      | C  | BAV20                        |
| A82 | SOT23  | BAS21      |    | dioda                        |
| A82 | SOT23  | BAS21      | C  | BAV21                        |
| A8A | SOT23  | MMUN2211   | N  | npn gp with 10k+10k biasres  |
| A8A | SOT23  | MMUN2211T1 |    | NPN                          |
| A8B | SOT23  | MMUN2212   | N  | npn gp with 22k+22k biasres  |
| A8B | SOT23  | MMUN2212T1 |    | NPN                          |
| A8C | SOT23  | MMUN2213   | N  | npn gp with 47k+47k biasres  |
| A8C | SOT23  | MMUN2213T1 |    | NPN                          |
| A8D | SOT23  | MMUN2214   | N  | npn gp with 10k+10k biasres  |
| A8D | SOT23  | MMUN2214T1 |    | NPN                          |
| A8E | SOT23  | MMUN2215   | N  | npn gp with 10k Wypr. res    |
| A8F | SOT23  | MMUN2216   | N  | npn gp with 4k7 Wypr. res    |
| A8G | SOT23  | MMUN2230   | N  | npn gp with 1k0+1k0 biasres  |
| A8H | SOT23  | MMUN2231   | N  | npn gp with 2k2+2k2 biasres  |
| A8J | SOT23  | MMUN2232   | N  | npn gp with 4k7+4k7 biasres  |
| A8K | SOT23  | MMUN2233   | N  | npn gp with 4k7+47k biasres  |
| A8L | SOT23  | MMUN2234   | N  | npn gp with 22k+47k biasres  |
| A9  | SOT23  | FMM02835   |    | dioda-2x                     |
| A91 | SOT23  | BAS17      |    | dioda                        |

|      |        |           |   |                          |
|------|--------|-----------|---|--------------------------|
| A91  | SOT23  | BAS17     | C | BA314                    |
| AA   | SOT23  | BCW60A    |   | NPN                      |
| AA   | SOT23  | BCW60A    | N | BCY58-vii                |
| AA   | SOT89  | BCX51     |   | PNP                      |
| AA   | SOT89  | BCX51     | P | pnp 45V audio comp BCX54 |
| AAA  | SOT23  | MMBF4856  |   | FET                      |
| AAA  | SOT23  | MMBF4856  | F | 2N4856 n-ch chopper jfet |
| AAG  | SOT23  | MMBR951AL | N | npn RF 8GHz              |
| AAs  | SOT23  | BCW60A    | N | BCY58-vii                |
| AB   | SOT23  | 2SA1312   |   | NPN                      |
| AB   | SOT23  | BCW60B    |   | NPN                      |
| AB   | SOT23  | BCW60B    | N | BCY58-viii               |
| AB   | SOT89  | BCX51-6   |   | PNP                      |
| ABp  | SOT23  | BCW60B    | N | BCY58-viii               |
| ABs  | SOT23  | BCW60B    | N | BCY58-viii               |
| ABt  | SOT23  | BCW60B    | N | BCY58-viii               |
| AC   | SOT23  | 2SA1313   |   | NPN                      |
| AC   | SOT23  | BCW60C    |   | NPN                      |
| AC   | SOT23  | BCW60C    | N | BCY58-ix                 |
| AC   | SOT89  | BCX51-10  |   | PNP                      |
| AC   | SOT89  | BCX51-10  | P | 45V pnp audio hfe 100    |
| AC   | SOT89  | BCX51-100 | P | 45V pnp audio hfe 100    |
| ACp  | SOT23  | BCW60C    | N | BCY58-ix                 |
| ACs  | SOT23  | BCW60C    | N | BCY58-ix                 |
| ACt  | SOT23  | BCW60C    | N | BCY58-ix                 |
| AD   | SOT23  | BCW60D    |   | NPN                      |
| AD   | SOT23  | BCW60D    | N | BCY58-x                  |
| AD   | SOT89  | BCX51-16  |   | PNP                      |
| AD   | SOT89  | BCX51-16  | P | 45V pnp audio hfe 160    |
| AD   | SOT89  | BCX51-160 | P | 45V pnp audio hfe 160    |
| ADN  |        | 2SC3838K  | N | npn 11V 3.2GHz TV tuners |
| ADp  | SOT23  | BCW60D    | N | BCY58-x                  |
| ADs  | SOT23  | BCW60D    | N | BCY58-x                  |
| ADt  | SOT23  | BCW60D    | N | BCY58-x                  |
| AE   | SOT23  | 2SA1362   |   | NPN                      |
| AE   | SOT89  | BCX52     |   | PNP                      |
| AE   | SOT89  | BCX52     | P | pnp 60V audio comp BCX55 |
| AEN  |        | 2SC3839K  | N | npn 20V 2.0GHz TV tuners |
| AF   | SOT23  | BCW60FF   |   | NPN                      |
| AF   | SOT89  | BCX52-6   |   | PNP                      |
| AFs  | SOT23  | BCW60FF   | N | BCY58                    |
| AG   | SOT23  | BCX70G    |   | NPN                      |
| AG   | SOT23  | BCX70G    | N | BCY59-vii BC107          |
| AG   | SOT89  | BCX52-10  |   | PNP                      |
| AG   | SOT89  | BCX52-10  | P | 60V pnp BCX52 hfe 100    |
| AGp  | SOT23  | BCX70G    | N | BCY59-vii BC107          |
| AGs  | SOT23  | BCX70G    | N | BCY59-vii BC107          |
| AGt  | SOT23  | BCX70G    | N | BCY59-vii BC107          |
| AH   | SOT223 | BCP53     | P | pnp amp 80V 150mA        |
| AH   | SOT23  | BCX70H    |   | NPN                      |
| AH   | SOT23  | BCX70H    | N | BCY59-viii BC107B        |
| AH   | SOT89  | BCX53     | P | pnp 80V audio comp BCX56 |
| AH   | SOTS9  | BCX53     |   | PNP                      |
| AHp  | SOT23  | BCX70H    | N | BCY59-viii BC107B        |
| AHs  | SOT23  | BCX70H    | N | BCY59-viii BC107B        |
| AHt  | SOT23  | BCX70H    | N | BCY59-viii BC107B        |
| AJ   | SOT23  | BCX70J    |   | NPN                      |
| AJ   | SOT23  | BCX70J    | N | BCY59-ix BC107           |
| AJ   | SOT89  | BCX53-6   |   | PNP                      |
| AJ s | SOT23  | BCX70J    | N | BCY59-ix BC107           |
| AJp  | SOT23  | BCX70J    | N | BCY59-ix BC107           |
| AJt  | SOT23  | BCX70J    | N | BCY59-ix BC107           |
| AK   | SOT23  | BCX70K    |   | NPN                      |
| AK   | SOT23  | BCX70K    | N | BCY59-x BC107            |
| AK   | SOT89  | BCX53-10  |   | PNP                      |
| AK   | SOT89  | BCX53-10  | P | pnp 80V BCX53 hfe 100    |
| AKp  | SOT23  | BCX70K    | N | BCY59-x BC107            |
| AKs  | SOT23  | BCX70K    | N | BCY59-x BC107            |
| AL   | SOT23  | MMBTA55L  | N | pnp 25V (MPSA55)         |
| AL   | SOT23  | MMBTD55   |   | PNP                      |
| AL   | SOT89  | BCX52-16  |   | PNP                      |
| AL   | SOT89  | BCX53-16  | P | 80V pnp BCX53 hfe 100    |

|     |        |            |    |                               |
|-----|--------|------------|----|-------------------------------|
| ALs | SOT343 | BFP405     | MQ |                               |
| AM  | SOT23  | BSS64      |    | NPN                           |
| AM  | SOT23  | BSS64      | N  | npn 80V 0.1A fT 60MHz         |
| AM  | SOT23  | MMBT3638   |    | PNP                           |
| AM  | SOT323 | MMBT3904W  | N  | 2N3904                        |
| AM  | SOT89  | BCX52-16   | P  | npn 60V BCX52 hfe 160         |
| AM  | SOT89  | BCX53-16   |    | PNP                           |
| AMp | SOT23  | BSS64      | N  | npn 80V 0.1A fT 60MHz         |
| AMs | SOT23  | BSS64      | N  | npn 80V 0.1A fT 60MHz         |
| AMs | SOT343 | BFP420     | MQ | npn fT 25GHz 4.5V 35mA        |
| AMt | SOT23  | BSS64      | N  | npn 80V 0.1A fT 60MHz         |
| AN  | SOT23  | 2SC2532    |    | NPN                           |
| AN  | SOT23  | BCW60FN    |    | NPN                           |
| AN  | SOT23  | BCW60FN    | N  | gp npn 35V 0.2A               |
| ANs | SOT343 | BFP450     | MQ | npn fT 25GHz 4.5V 100mA       |
| AO  | SC59   | 2PB7090    |    | PNP                           |
| AO  | SOT23  | BCW60RA    |    | NPN                           |
| AO  | SOT23R | BCW60AR    | R  | BCY58-vii                     |
| AP  | SOT23  | BCW60RB    |    | NPN                           |
| AP  | SOT23R | BCW60BR    | R  | BCY58-viii                    |
| APs | SOT343 | BFP520     | MQ | npn fT 40GHz 2.5V 40mA        |
| A-Q | SOT323 | 2PD1820AQ  | N  | gp sw amp 50V npn hfe 85-170  |
| A-Q | SOT323 | 2PD1820AR  | N  | gp sw amp 50V npn hfe 120-240 |
| AR  |        | MSD709R    | N  | npn gp 25V                    |
| AR  | SC59   | 2PB709R    |    | PNP                           |
| AR  | SC59   | MSA709-RT1 |    | PNP                           |
| AR  | SOT23  | BCW60CR    |    | NPN                           |
| AR  | SOT23  | BCW60RC    |    | NPN                           |
| AR  | SOT23R | BCW60CR    | R  | BCY58-ix                      |
| AR1 | SOT89  | BSR40      |    | NPN                           |
| AR1 | SOT89  | BSR40      | P  | npn 70V 1A 1.35W hfe 40-120   |
| AR2 | SOT89  | BSR41      |    | NPN                           |
| AR2 | SOT89  | BSR41      | P  | npn 70V 1A 1.35W hfe 100-300  |
| AR3 | SOT89  | BSR42      |    | NPN                           |
| AR3 | SOT89  | BSR42      | P  | npn 90V 1A 1.35W hfe 40-120   |
| AR4 | SOT89  | BSR43      |    | NPN                           |
| AR4 | SOT89  | BSR43      | P  | npn 90V 1A 1.35W hfe 100-300  |
| AS  |        | MSD709S    | N  | npn gp 25V                    |
| AS  | SC59   | 2PB709S    |    | PNP                           |
| AS  | SC59   | MSA709-ST1 |    | PNP                           |
| AS  | SOT23  | BAT18-05   |    | diodax2                       |
| AS  | SOT23  | BCW60RD    |    | NPN                           |
| AS  | SOT23  | BRY61      |    | PROGUJT                       |
| AS  | SOT23R | BCW60DR    | R  | BCY58-x                       |
| A-S | SOT323 | 2PD1820AS  | N  | gp sw amp 50V npn hfe 170-340 |
| AS1 | SOT89  | BST50      |    | NPN                           |
| AS1 | SOT89  | BST50      | P  | npn darlington 0.5A 60V       |
| AS2 | SOT89  | BST51      |    | NPN                           |
| AS2 | SOT89  | BST51      | P  | npn darlington 0.5A 80V       |
| AS3 | SOT223 | BSP52      | P  | npn darlington 0.5A hfe2000   |
| AS3 | SOT89  | BST52      |    | NPN                           |
| AS3 | SOT89  | BST52      | P  | npn darlington 0.5A 90V       |
| ASs | SOT23  | BAT18-05   | B  | dual BAT18 RF pin             |
| AT  | SOT23  | BAT18-06   |    | dioda-2x                      |
| AT1 | SOT89  | BST39      |    | NPN                           |
| AT2 | SOT89  | BST40      |    | NPN                           |
| AtQ | SOT323 | 2PD1820AQ  | N  | gp sw amp 50V npn hfe 85-170  |
| AtQ | SOT323 | 2PD1820AR  | N  | gp sw amp 50V npn hfe 120-240 |
| ATs | SOT23  | BAT18-06   | A  | dual ca BAT18 RF pin          |
| AtS | SOT323 | 2PD1820AS  | N  | gp sw amp 50V npn hfe 170-340 |
| ATs | SOT343 | BFP540     | MQ | npn microwave                 |
| AU  | SOT23  | BAT18-04   |    | dioda-2x                      |
| AU  | SOT23  | BCX70RG    |    | NPN                           |
| AU  | SOT23R | BCW60GR    | R  | BCY58                         |
| AUs | SOT23  | BAT18-04   | D  | dual BAT18 RF pin             |
| AV  |        | DAN212K    | C  | 80V 100mA sw                  |
| AW  | SOT23  | BCX70RH    |    | NPN                           |
| AW  | SOT23R | BCW60HR    | R  | BCY58                         |
| AX  | SOT23  | BCX70RJ    |    | NPN                           |
| AX  | SOT23R | BCX70JR    | R  | BCY59-ix                      |
| AY  | SOT23  | BCX70RK    |    | NPN                           |
| AY  | SOT23  | MMBD1000   | C  | >Si sw diode 30V 0.2A         |

|     |        |             |    |                         |
|-----|--------|-------------|----|-------------------------|
| AY  | SOT23R | BCX70KR     | R  | BCY59-x                 |
| B   | SCD80  | BB555       | I  | Varicap 18pF 1V         |
| B   | SOD323 | BAS16-03W   | I  | Varicap 18pF 1V         |
| B   | SOT323 | MRF957      | N  | npn RF fT 9GHz          |
| B   | SOT89  | 2SC2880     |    | NPN                     |
| B0  | SOD323 | BZX399-C4V3 | I  | 4.3V 0.3W zener         |
| B0  | SOT23  | HSMS-2810   | C  | HP2810 schottky         |
| B0  | SOT323 | HSMS-281B   | C  | HP2810 schottky         |
| B08 |        | SST6908     | ZQ | 2N6908 prot n-ch jfet   |
| B09 |        | SST6909     | ZQ | 2N6909 prot n-ch jfet   |
| B1  | SOD323 | BZX399-C1V8 | I  | 1.8V 0.3W zener         |
| B1  | SOT23  | BAS40       | C  | schottky sw diode       |
| B1  | SOT23  | HSMS-2811   | K  | HP2811 schottky         |
| B10 |        | SST6910     | ZQ | 2N6910 prot n-ch jfet   |
| B2  | SOD323 | BZX399-C2V0 | I  | 2.0V 0.3W zener         |
| B2  | SOT23  | BSV52       |    | NPN                     |
| B2  | SOT23  | BSV52       | N  | BSX20 12V fT 400MHz sw  |
| B2  | SOT23  | HSMS-2812   | D  | dual HP2810 schottky    |
| B2  | SOT23  | MMBC1621B2  |    | NPN                     |
| B2  | SOT323 | HSMS-281C   | D  | dual HP2810 schottky    |
| B26 | SOT23  | BF570       |    |                         |
| B26 | SOT23  | BF570       |    | NPN                     |
| B2p | SOT23  | BSV52       | N  | BSX20 12V fT 400MHz sw  |
| B2t | SOT23  | BSV52       | N  | BSX20 12V fT 400MHz sw  |
| B3  | SOD323 | BZX399-C2V2 | I  | 2.2V 0.3W zener         |
| B3  | SOT23  | HSMS-2813   | A  | dual ca HP2810 schottky |
| B3  | SOT23  | MMBC1621B3  |    | NPN                     |
| B3  | SOT323 | MMBD717L    | A  | dual ca schottky        |
| B3T | SC59   | 1PS184      |    | diode-2x                |
| B4  | SOD323 | BZX399-C2V4 | I  | 2.4V 0.3W zener         |
| B4  | SOT23  | BSV52R      |    | NPN                     |
| B4  | SOT23  | HSMS-2814   | B  | dual cc HP2810 schottky |
| B4  | SOT23  | MMBC1621B4  |    | NPN                     |
| B4  | SOT23R | BSV52R      | R  | BSX20                   |
| B5  | SOD323 | BZX399-C2V7 | I  | 2.7V 0.3W zener         |
| B5  | SOT143 | HSMS-2815   | S  | dual HP2810 schottky    |
| B5  | SOT23  | BSR12       |    | PNP                     |
| B6  | SOD323 | BZX399-C3V0 | I  | 3.0V 0.3W zener         |
| B6  | SOT23  | BAT54A      | A  | dual ca 30V schottky    |
| B7  | SOD323 | BZX399-C3V3 | I  | 3.3V 0.3W zener         |
| B7  | SOT143 | HSMS-2817   | RQ | HP2810 ring quad        |
| B8  | SOD323 | BZX399-C3V6 | I  | 3.6V 0.3W zener         |
| B8  | SOT143 | HSMS-2818   | BQ | HP2810 bridge quad      |
| B9  | SC90   | 2SC4617     | N  | npn gp                  |
| B9  | SOD323 | BZX399-C3V9 | I  | 3.9V 0.3W zener         |
| BA  |        | DAN217      | D  | 80V 100mA dual          |
| BA  | SOD323 | BZX399-C4V7 | I  | 4.7V 0.3W zener         |
| BA  | SOT23  | BCW61A      |    | PNP                     |
| BA  | SOT23  | BCW61A      | N  | BCY78-vii               |
| BA  | SOT89  | BCX54       |    | NPN                     |
| BA  | SOT89  | BCX54       | P  | npn AF 45V comp BCX51   |
| BAp | SOT23  | BCW61A      | N  | BCY78-vii               |
| BAt | SOT23  | BCW61A      | N  | BCY78-vii               |
| BB  | SOD323 | BZX399-C5V1 | I  | 5.1V 0.3W zener         |
| BB  | SOT143 | BAR81       | NQ | Dual pin shunt switch   |
| BB  | SOT23  | BCW61B      |    | PNP                     |
| BB  | SOT23  | BCW61B      | N  | BCY78-viii              |
| BB  | SOT89  | BCX54-6     |    | NPN                     |
| BBp | SOT23  | BCW61B      | N  | BCY78-viii              |
| BBs | SOT23  | BCW61B      | N  | BCY78-viii              |
| BBs | SOT343 | BAR81W      | NQ | Dual pin shunt switch   |
| BBt | SOT23  | BCW61B      | N  | BCY78-viii              |
| BC  | SOD323 | BZX399-C5V6 | I  | 5.6V 0.3W zener         |
| BC  | SOT23  | BCW61C      |    | PNP                     |
| BC  | SOT23  | BCW61C      | N  | BCY78-ix                |
| BC  | SOT89  | BCX54-10    |    | NPN                     |
| BC  | SOT89  | BCX54-10    | P  | npn hfe100              |
| BCp | SOT23  | BCW61C      | N  | BCY78-ix                |
| BCs | SOT23  | BCW61C      | N  | BCY78-ix                |
| BCt | SOT23  | BCW61C      | N  | BCY78-ix                |
| BD  | SOD323 | BZX399-C6V2 | I  | 6.2V 0.3W zener         |
| BD  | SOT23  | BCW61D      |    | PNP                     |

|     |        |             |    |                             |
|-----|--------|-------------|----|-----------------------------|
| BD  | SOT23  | BCW61D      | N  | BCY78-x                     |
| BD  | SOT89  | BCW54-16    |    | NPN                         |
| BD  | SOT89  | BCX54-16    |    | NPN                         |
| BD  | SOT89  | BCX54-16    | P  | npn hfe160 comp BCX51-16    |
| BDp | SOT23  | BCW61D      | N  | BCY78-x                     |
| BDs | SOT23  | BCW61D      | N  | BCY78-x                     |
| BDt | SOT23  | BCW61D      | N  | BCY78-x                     |
| BE  | SOD323 | BZX399-C6V8 | I  | 6.8V 0.3W zener             |
| BE  | SOT23  | BAS70       | C  | schottky sw diode           |
| BE  | SOT89  | BCX55       |    | NPN                         |
| BE  | SOT89  | BCX55       | P  | npn AF 60V comp BCX52       |
| BF  | SOD323 | BZX399-C7V5 | I  | 7.5V 0.3W zener             |
| BF  | SOT23  | BCW61FF     |    | PNP                         |
| BF  | SOT23  | BCW61FF     | N  | low noise BCW61             |
| BF  | SOT89  | BCX55-6     |    | NPN                         |
| BG  | SOD323 | BZX399-C8V2 | I  | 8.2V 0.3W zener             |
| BG  | SOT23  | BCX71G      |    | PNP                         |
| BG  | SOT23  | BCX71G      | N  | BCY79-vii                   |
| BG  | SOT89  | BCX55-10    |    | NPN                         |
| BG  | SOT89  | BCX55-10    | P  | npn hfe 100                 |
| BGp | SOT23  | BCX71G      | N  | BCY79-vii                   |
| BGs | SOT23  | BCX71G      | N  | BCY79-vii                   |
| BGt | SOT23  | BCX71G      | N  | BCY79-vii                   |
| BH  | SOD323 | BZX399-C9V1 | I  | 9.1V 0.3W zener i           |
| BH  | SOT223 | BCP56       | P  | npn amp 80V 150mA           |
| BH  | SOT23  | BCX71H      |    | PNP                         |
| BH  | SOT23  | BCX71H      | N  | BCY79-viii                  |
| BH  | SOT89  | BCX56       |    | NPN                         |
| BH  | SOT89  | BCX56       | P  | npn AF 80V                  |
| BHp | SOT23  | BCX71H      | N  | BCY79-viii                  |
| BHs | SOT23  | BCX71H      | N  | BCY79-viii                  |
| BHt | SOT23  | BCX71H      | N  | BCY79-viii                  |
| BJ  | SOD323 | BZX399-C10  | I  | 10V 0.3W zener              |
| BJ  | SOT23  | BCX71J      |    | PNP                         |
| BJ  | SOT23  | BCX71J      | N  | BCY79-ix                    |
| BJ  | SOT89  | BCX56-6     |    | NPN                         |
| BJp | SOT23  | BCX71J      | N  | BCY79-ix                    |
| BJs | SOT23  | BCX71J      | N  | BCY79-ix                    |
| BJt | SOT23  | BCX71J      | N  | BCY79-ix                    |
| BK  | SOD323 | BZX399-C11  | I  | 11V 0.3W zener              |
| BK  | SOT223 | BCP56-10    | P  | npn amp 80V 150mA           |
| BK  | SOT23  | BCX71K      |    | PNP                         |
| BK  | SOT23  | BCX71K      | N  | BCY79                       |
| BK  | SOT89  | BCX56-10    |    | NPN                         |
| BK  | SOT89  | BCX56-10    | P  | npn hfe 100                 |
| BKp | SOT23  | BCX71K      | N  | BCY79                       |
| BKs | SOT23  | BCX71K      | N  | BCY79                       |
| BKt | SOT23  | BCX71K      | N  | BCY79                       |
| BL  | SOD323 | BZX399-C12  | I  | 12V 0.3W zener              |
| BL  | SOT143 | BGA310      | GQ | MMIC amp 9dB @1GHz          |
| BL  | SOT223 | BCP56-16    | P  | npn amp 80V 150mA           |
| BL  | SOT363 | MBD54DW     | DL | 2x schottky detector diodes |
| BL  | SOT89  | BCX56-16    |    | NPN                         |
| BL  | SOT89  | BCX56-16    | P  | npn hfe 160                 |
| BLs | SOT343 | BGA420      | HQ | MMIC amp 13 dB @1.8GHz      |
| BM  | SOD323 | BZX399-C13  | I  | 13V 0.3W zener              |
| BM  | SOT143 | BGA312      | GQ | MMIC amp 11dB @1GHz         |
| BM  | SOT23  | BSS63       |    | PNP                         |
| BM  | SOT23  | BSS63L      | N  | 100v pnp comp BSS64         |
| BM  | SOT89  | BCX55-16    |    | NPN                         |
| BM  | SOT89  | BCX55-16    | P  | npn hfe 160                 |
| BMp | SOT23  | BSS63       | N  | 100v pnp comp BSS64         |
| BMs | SOT343 | BG427       | HQ | MMIC amp 18 dB @1.8GHz      |
| BMt | SOT23  | BSS63       | N  | 100v pnp comp BSS64         |
| BN  | SOD323 | BZX399-C15  | I  | 15V 0.3W zener              |
| BN  | SOT143 | BGA318      | GQ | MMIC amp 16dB @1GHz         |
| BN  | SOT23  | BCW61FN     |    | PNP                         |
| BN  | SOT23  | MMBT3638A   |    | PNP                         |
| BNs | SOT23  | BCW61FN     | N  | low noise BCW61             |
| BO  | SOT23  | BCW61AR     | N  | BCX78, BCY78-vii            |
| BO  | SOT23  | BCW61RA     |    | PNP                         |
| BP  | SOD323 | BZX399-C16  | I  | 16V 0.3W zener              |

|           |        |            |    |                              |
|-----------|--------|------------|----|------------------------------|
| BP        | SOT23  | BCW61BR    | N  | BCY78-viii                   |
| BP        | SOT23  | BCW61RB    |    | PNP                          |
| BQ        | SC59   | 2PB709AO   |    | PNP                          |
| BQ        | SOD323 | BZX399-C18 | I  | 18V 0.3W zener in SOD323     |
| BR        |        | 2SC2412K   | N  | npn 50V 150mA min hfe 180    |
| BR        | EM3    | 2SC4617    | N  | 2SC2412K above               |
| BR        | SC59   | 2PB709AR   |    | PNP                          |
| BR        | SOD323 | BZX399-C20 | I  | 20V 0.3W zener               |
| BR        | SOT23  | 8CW60DR    |    | NPN                          |
| BR        | SOT23  | BCW61CR    | N  | BCY78-ix                     |
| BR        | SOT23  | BCW61RC    |    | PNP                          |
| BR        | SOT323 | MSB1218A   | N  | gp pnp 45V                   |
| BR        | UMT    | 2SC4081    | N  | 2SC2412K above               |
| BR1       | SOT89  | BSR30      |    | PNP                          |
| BR1       | SOT89  | BSR30      | P  | pnp 70V 1A 1.35W hfe 40-120  |
| BR2       | SOT89  | BSR31      |    | PNP                          |
| BR2       | SOT89  | BSR31      | P  | pnp 70V 1A 1.35W hfe 100-300 |
| BR3       | SOT89  | BSR32      |    | PNP                          |
| BR4       | SOT89  | BSR33      |    | PNP                          |
| BR4       | SOT89  | BSR33      | P  | pnp 90V 1A 1.35W hfe 100-300 |
| BS        | SC59   | 2PB709AS   |    | PNP                          |
| BS        | SOD323 | BZX399-C22 | I  | 22V 0.3W zener               |
| BS        | SOT23  | BCW61DR    | N  | BCY78-x                      |
| BS        | SOT23  | BCW61RD    |    | PNP                          |
| BS1       | SOT89  | BST60      |    | PNP                          |
| BS1       | SOT89  | BST60      | P  | pnp darlington 0.5A 60V      |
| BS2       | SOT89  | BST61      |    | PNP                          |
| BS2       | SOT89  | BST61      | P  | pnp darlington 0.5A 80V      |
| BS3       | SOT89  | BSP62      | P  | pnp darlington 0.5A hfe2000  |
| BS3       | SOT89  | BST62      |    | PNP                          |
| BS3       | SOT89  | BST62      | P  | pnp darlington 0.5A 90V      |
| BT        | SOD323 | BZX399-C24 | I  | 24V 0.3W zener               |
| BT1       | SOT89  | BST15      |    | PNP                          |
| BT2       | SOT223 | BSP16      | P  | pnp l300V 1A                 |
| BT2       | SOT89  | BST16      |    | PNP                          |
| BT2       | SOT89  | BST16      | P  | pnp l300V 1A                 |
| BU        | SOD323 | BZX399-C27 | I  | 27V 0.3W zener               |
| BU        | SOT23  | BCX71GR    | N  | BCX79-vii                    |
| BU        | SOT23  | BCX71RG    |    | PNP                          |
| BV        | SOD323 | BZX399-C30 | I  | 30V 0.3W zener               |
| BW        | SOD323 | BZX399-C33 | I  | 33V 0.3W zener               |
| BW        | SOT23  | BCX71RH    |    | PNP                          |
| BW        | SOT23R | BCW71HR    | N  | BCX79-viii                   |
| BX        | SOD323 | BZX399-C36 | I  | 36V 0.3W zener               |
| BX        | SOT23  | BCX71      |    | PNP                          |
| BX        | SOT23R | BCW71JR    | N  | BCX79-ix                     |
| BY        | SOD323 | BZX399-C39 | I  | 39V 0.3W zener               |
| BY        | SOT23  | BCX71RK    |    | PNP                          |
| BY        | SOT23R | BCW71KR    | N  | BCX79-x                      |
| BZ        | SOD323 | BZX399-C43 | I  | 43V 0.3W zener               |
| C         | SCD80  | BB565      | I  | uhf varicap 2-20pF           |
| C         | SOD123 | BAT65      |    | dioda                        |
| C         | SOT23  | 2SA1163    |    | NPN                          |
| C         | SOT89  | 2SA1201    |    | PNP                          |
| C         | URD    | KV1832E    | I  | uhf varicap 4-17pf i         |
| C (white) |        | BAT165     | I  | 40V 750mA sw Schottky        |
| C0        | SOT23  | HSMS-2820  | C  | HP2835 schottky              |
| C0        | SOT323 | HSMS-282B  | C  | HP2835 schottky              |
| C1        | SOT173 | BFQ51C     | CX | pnp BFR90A complement        |
| C1        | SOT23  | BCW29      |    | PNP                          |
| C1        | SOT23  | BCW29      | N  | BC178A                       |
| C1        | SOT23  | HSMS-2821  | K  | HP2835 schottky              |
| C1        | SOT23  | SST111     |    | JFET                         |
| C10       | SOD80  | BZV55-C10  |    | zener.                       |
| C11       | SOD80  | BZV55-C11  |    | zener.                       |
| C11       | SOT23  | FMMJ111    |    | FET                          |
| C11       | SOT23  | SST111     | F  | J111 n-ch fet                |
| C12       | SOD80  | BZV55-C12  |    | zener.                       |
| C12       | SOT23  | FMMJ112    |    | FET                          |
| C12       | SOT23  | SST112     | F  | J112 n-ch fet                |
| C13       | SOD80  | BZV55-C13  |    | zener.                       |
| C13       | SOT23  | FMMJ113    |    | FET                          |

|      |        |            |    |                          |
|------|--------|------------|----|--------------------------|
| C13  | SOT23  | SST113     | F  | J113 n-ch fet            |
| C15  | SOD80  | BZV55-C15  |    | zener.                   |
| C16  | SOD80  | BZV55-C16  |    | zener.                   |
| C18  | SOD80  | BZV55-C18  |    | zener.                   |
| C1p  | SOT23  | BCW29      | N  | BC178A                   |
| C1t  | SOT23  | BCW29      | N  | BC178A                   |
| C1X  | SOT23  | KSC1623    |    | NPN                      |
| C2   | SOT173 | BFQ32C     | CX | pnp 4.5GHz 15V 100mA     |
| C2   | SOT23  | BCW30      |    | PNP                      |
| C2   | SOT23  | BCW30      | N  | BC178B                   |
| C2   | SOT23  | HSMS-2822  | D  | dual HP2835 schottky     |
| C2   | SOT23  | SST112     |    | JFET                     |
| C2   | SOT23  | SST112     | F  | J112 analog sw n-ch jfet |
| C2   | SOT323 | HSMS-282C  | D  | dual HP2835 schottky     |
| C20  | SOD80  | BZV55-C20  |    | zener.                   |
| C22  | SOD80  | BZV55-C22  |    | zener.                   |
| C24  | SOD80  | BZV55-C24  |    | zener.                   |
| C27  | SOD80  | BZV55-C27  |    | zener.                   |
| C2p  | SOT23  | BCW30      | N  | BC178B                   |
| C2t  | SOT23  | BCW30      | N  | BC178B                   |
| C2V4 | SOD80  | BZV55-C2V4 |    | zener.                   |
| C2V7 | SOD80  | BZV55-C2V7 |    | zener.                   |
| C3   |        | SMBT4126   | N  | 2N4126                   |
| C3   | SOT173 | BFQ23C     | CX | pnp complement BFP91A    |
| C3   | SOT23  | HSMS-2823  | A  | dual HP2835 schottky     |
| C3   | SOT23  | MMBT4126   |    | PNP                      |
| C3   | SOT23  | SMBT4126   |    | PNP                      |
| C3   | SOT23  | SST113     |    | JFET                     |
| C3   | SOT23  | SST113     | F  | J113 analog sw jfet      |
| C30  | SOD80  | BZV55-C30  |    | zener.                   |
| C33  | SOD80  | BZV55-C33  |    | zener.                   |
| C36  | SOD80  | BZV55-C36  |    | zener.                   |
| C38  | SOT23  | SST5638    | F  | 2N5638                   |
| C39  | SOD80  | BZV55-C39  |    | zener.                   |
| C39  | SOT23  | SST5639    | F  | 2N5639                   |
| C3T  | SC59   | 1PS226     |    | dioda                    |
| C3V3 | SOD80  | BZV55-C3V3 |    | zener.                   |
| C3V6 | SOD80  | BZV55-C3V6 |    | zener.                   |
| C3V9 | SOD80  | BZV55-C3V9 |    | zener.                   |
| C3VO | SOD80  | BZV55-C3VO |    | zener.                   |
| C4   | SOT23  | BCW29R     |    | PNP                      |
| C4   | SOT23  | HSMS-2824  | B  | dual HP2835 schottky     |
| C4   | SOT23R | BCW29R     | R  | BC178A                   |
| C40  | SOT23  | SST5640    | F  | 2N5640                   |
| C41  | SOT23  | SST4091    | F  | 2N4091                   |
| C42  | SOT23  | SST4092    | F  | 2N4092                   |
| C43  | SOD80  | BZV55-C43  |    | zener.                   |
| C43  | SOT23  | SST4093    | F  | 2N4093                   |
| C47  | SOD80  | BZV55-C47  |    | zener.                   |
| C4V3 | SOD80  | BZV55-C4V3 |    | zener.                   |
| C4V7 | SOD80  | BZV55-C4V7 |    | zener.                   |
| C5   |        | MMBA811C5  | N  | 2N5086 pnp hfe 135-270   |
| C5   | SOT143 | HSMS-2825  | S  | dual HP2835 schottky     |
| C5   | SOT23  | BCW30R     |    | PNP                      |
| C5   | SOT23  | MMBA811C5  |    | PNP                      |
| C5   | SOT23R | BCW30R     | R  | BC178B                   |
| C51  | SOD80  | BZY55-C51  |    | zener.                   |
| C56  | SOD80  | BZV55-C56  |    | zener.                   |
| C56  | SOT23  | SST4856    | F  | 2N4856                   |
| C57  | SOT23  | SST4857    | F  | 2N4857                   |
| C58  | SOT23  | SST4858    | F  | 2N4858                   |
| C59  | SOT23  | SST4859    | F  | 2N4859                   |
| C5V1 | SOD80  | BZV55-C5V1 |    | zener.                   |
| C5V6 | SOD80  | BZV55-C5V6 |    | zener.                   |
| C6   |        | MMBA811C6  | N  | 2N5086 pnp hfe 200-400   |
| C6   | SOT23  | MMBA811C6  |    | PNP                      |
| C60  | SOT23  | SST4860    | F  | 2N4860                   |
| C61  | SOT23  | SST4861    | F  | 2N4861                   |
| C62  | SOD80  | BZV55-C62  |    | zener.                   |
| C68  | SOD80  | BZV55-C68  |    | zener.                   |
| C6V2 | SOD80  | BZV55-C6V2 |    | zener.                   |
| C6V8 | SOD80  | BZV55-C6V8 |    | zener.                   |

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|------|--------|------------|----|--------------------------|
| C7   |        | MMBA811C7  | N  | 2N5086 pnp hfe 300-600   |
| C7   | SOT143 | HSMS-2827  | RQ | HP2835 ring quad         |
| C7   | SOT23  | BCF29      |    | PNP                      |
| C7   | SOT23  | MMBA811C7  |    | PNP                      |
| C75  | SOD80  | BZV55-C75  |    | zener.                   |
| C77  | SOT23  | BCF29R     |    | PNP                      |
| C7V5 | SOD80  | BZV55.C7V5 |    | zener.                   |
| C8   |        | MMBA811C8  | N  | 2N5086 pnp hfe 450-900   |
| C8   | SOT143 | HSMS-2828  | BQ | HP2835 bridge quad       |
| C8   | SOT23  | BCF30      |    | PNP                      |
| C8   | SOT23  | BCF30      | N  | BC559B                   |
| C8   | SOT23  | MMBA811C8  |    | PNP                      |
| C8V2 | SOD80  | SZV55-C8V2 |    | zener.                   |
| C9   | SOT23  | BCF30R     |    | PNP                      |
| C91  | SOT23  | FMMJ4391   |    | FET                      |
| C91  | SOT23  | SST4391    | F  | 2N4391                   |
| C92  | SOT23  | FMMJ4392   |    | FET                      |
| C92  | SOT23  | SST4392    | F  | 2N4392                   |
| C93  | SOT23  | FMMJ4393   |    | FET                      |
| C93  | SOT23  | SST4393    | F  | 2N4393                   |
| C95  | SOT143 | BCV64      |    | PNP                      |
| C95  | SOT143 | BCV64B     |    | PNP                      |
| C9V1 | SOD80  | BZV55-C9V1 |    | zener.                   |
| CA   | SOT223 | BCP68      | P  | 20V 1A npn               |
| CA   | SOT23  | BCW61AR    |    | PNP                      |
| CA   | SOT23  | SST4391    |    | JFET                     |
| CA   | SOT23R | BCW61AR    | R  | BCY78-vii                |
| CA   | SOT89  | BCX68      |    | NPN                      |
| CAC  | SOT89  | BC868      |    | NPN                      |
| CB   | SOT23  | 2SC3324    |    | NPN                      |
| CB   | SOT23  | BCW61BR    |    | PNP                      |
| CB   | SOT23  | SST4392    |    | JFET                     |
| CB   | SOT23R | BCW61BR    | R  | BCY78-viii               |
| CB   | SOT89  | BCX68-10   |    | NPN                      |
| CB   | SOT89  | BCX68-10   | P  | nnp AF 20V 2A hfe 100    |
| CBC  | SOT89  | BC868-10   |    | NPN                      |
| CC   | SOT23  | 2SC3326    |    | NPN                      |
| CC   | SOT23  | BCW61CR    |    | PNP                      |
| CC   | SOT23  | BF554      |    | NPN                      |
| CC   | SOT23  | SST4393    |    | JFET                     |
| CC   | SOT23R | BCW61CR    | R  | BCY78-ix                 |
| CC   | SOT89  | BCX68-16   |    | NPN                      |
| CC   | SOT89  | BCX68-16   | P  | nnp AF 20V 2A hfe 160    |
| CCC  | SOT89  | BC868-16   |    | NPN                      |
| CD   | SOT23  | BCW61DR    |    | PNP                      |
| CD   | SOT23  | BSS81B     |    | NPN                      |
| CD   | SOT23R | BCW61DR    | R  | BCY78-x                  |
| CD   | SOT89  | BCX68-25   |    | NPN                      |
| CD   | SOT89  | BCX68-25   | P  | nnp AF 20V 2A hfe 250    |
| CDC  | SOT89  | BC868-25   |    | NPN                      |
| CDs  | SOT23  | BSS81B     | N  | nnp sw 35V 0.8A          |
| CE   | SOT223 | BCP69      | P  | 20V 1A pnp               |
| CE   | SOT23  | 2SC3325    |    | NPN                      |
| CE   | SOT23  | BSS79B     |    | NPN                      |
| CE   | SOT89  | BCX69      |    | PNP                      |
| CEC  | SOT89  | BC869      |    | PNP                      |
| CEs  | SOT23  | BSS79B     | N  | nnp 40V 0.8A hfe 40-120  |
| CF   | SOT23  | BSS79C     |    | NPN                      |
| CF   | SOT23  | BSS79C     | N  | nnp 40V 0.8A hfe 100 min |
| CF   | SOT89  | BCX69-10   |    | PNP                      |
| CF   | SOT89  | BCX69-10   | P  | pnp AF 20V 2A hfe 100    |
| CF1  | SOT143 | CF910      |    | MOSFET                   |
| CF3  | SOT143 | CF912      |    | MOSFET                   |
| CF4  | SOT143 | CF922      |    | MOSFET                   |
| CF5  | SOT143 | CF930      |    | MOSFET                   |
| CF6  | SOT143 | CF940      |    | MOSFET                   |
| CFC  | SOT89  | BC869-10   |    | PNP                      |
| CG   | SOT23  | 2SC3426    |    | NPN                      |
| CG   | SOT23  | BCX71GR    |    | PNP                      |
| CG   | SOT23  | BSS81C     |    | NPN                      |
| CG   | SOT23R | BCX71GR    | R  | BCY79-vii                |
| CG   | SOT89  | BCX69-16   |    | PNP                      |



|     |        |            |    |                             |
|-----|--------|------------|----|-----------------------------|
| CG  | SOT89  | BCX69-16   | P  | pnp AF 20V 2A hfe 160       |
| CGs | SOT23  | BSS81C     | N  | nnp sw 35V 1A               |
| CH  | SOT23  | 2SC3437    |    | NPN                         |
| CH  | SOT23  | BSS80B     |    | PNP                         |
| CH  | SOT23  | BSS82BL    | N  | pnp 60V                     |
| CH  | SOT89  | BCX69-25   |    | PNP                         |
| CH  | SOT89  | BCX69-25   | N  | pnp AF 20V 2A hfe 250       |
| CHC | SOT89  | BC869-16   |    | PNP                         |
| CHs | SOT23  | BSS80B     | N  | pnp 40V 0.8A hfe 40-120     |
| CJ  | SOT23  | BSS80C     |    | PNP                         |
| CJC | SOTS9  | BC869-25   |    | PNP                         |
| CJs | SOT23  | BSS80C     | N  | pnp 40V 0.8A hfe 100 min    |
| CK  | SOT23  | BCX71KR    |    | PNP                         |
| CK  | SOT23R | BCX71JR    | R  | BCY79-viii                  |
| CL  | SOT23  | BSS82B     |    | PNP                         |
| CLs | SOT23  | BSS82B     | N  | pnp 60V 0.8A hfe 40-120     |
| CM  | SOT23  | BSS82C     |    | PNP                         |
| CMs | SOT23  | BSS82C     | N  | pnp 60V 0.8A hfe 100 min    |
| CQ  |        | 2SC2411K   | N  | nnp darlington              |
| CQ  | SC59   | 2PB7100    |    | PNP                         |
| CQ  | SC59   | MSA710-OT1 |    | PNP                         |
| CQ  | SOT346 | MSD710Q    | N  | pnp gp 25V 150mA            |
| CR  | SC59   | 2PB710R    |    | PNP                         |
| CR  | SC59   | MSA710-RT1 |    | PNP                         |
| CR  | SOT23  | BCW60AR    |    | NPN                         |
| CR  | SOT346 | MSD701R    | N  | pnp gp 25V 150mA            |
| CS  | SC59   | 2PB710S    |    | PNP                         |
| D   | SCD80  | BB659      | I  | 2-38p varicap               |
| D   | SOD323 | BAS21-03W  | I  |                             |
| D   | SOT23  | 2SC2713    |    | NPN                         |
| D   | SOT323 | MRF577     | N  | nnp RF fT 7GHz              |
| D   | SOT89  | 2SC2881    |    | NPN                         |
| D   | USM    | 1SS376     | I  | 300V 50mA sw                |
| D0  | SOT23  | HSMP-3800  | C  | HP3800 pin atten diode      |
| D01 | SOT23  | SD914      |    | dioda                       |
| D1  |        | HSMP-3801  | K  | HP3800 pin atten diode      |
| D1  |        | SST211     | XQ | n-ch mosfet 30V 1nS         |
| D1  | SOT143 | SST211     |    | JFET                        |
| D1  | SOT23  | BCW31      |    | NPN                         |
| D1  | SOT23  | BCW31      | N  | BC108A                      |
| D1p | SOT23  | BCW31      | N  | BC108A                      |
| D1t | SOT23  | BCW31      | N  | BC108A                      |
| D1X | SOT23  | KSA812     |    | PNP                         |
| D2  |        | HSMP-3802  | D  | dual HP3800 pin atten diode |
| D2  | SOT23  | BCW32      |    | NPN                         |
| D2  | SOT23  | BCW32      | N  | BC108B                      |
| D2p | SOT23  | BCW32      | N  | BC108B                      |
| D2t | SOT23  | BCW32      | N  | BC108B                      |
| D3  | SOT143 | SST213     |    | JFET                        |
| D3  | SOT23  | BCW33      |    | NPN                         |
| D3  | SOT23  | BCW33      | N  | BC108C                      |
| D3B |        | RB420D     | C  | 25V 100mA schottky          |
| D3E | SOT23  | RB411D     | C  | 20V 500mA schottky          |
| D3J |        | RB420D     | C  | 25V 100mA schottky          |
| D3L |        | RB706D-40  | B  | dual 45V 30mA schottky      |
| D3p | SOT23  | BCW33      | N  | BC108C                      |
| D3t | SOT23  | BCW33      | N  | BC108C                      |
| D4  |        | BCW31R     | R  |                             |
| D4  | SOT23  | BCW31R     |    | NPN                         |
| D49 | SOT23  | BAY84      |    | dioda                       |
| D5  | SOT143 | SST215     |    | JFET                        |
| D5  | SOT23  | BCW32R     |    | NPN                         |
| D52 | SOT23  | BRY55-30   |    | SCR                         |
| D53 | SOT23  | BAY85      |    | dioda                       |
| D6  | SOT23  | BCW33R     |    | NPN                         |
| D6  | SOT23  | MMBC1622D6 |    | NPN                         |
| D62 | SOT23  | BAR53      |    | dioda                       |
| D65 | SOT23  | BRY55-30R  |    | SCR                         |
| D66 | SOT23  | BRY55-60   |    | SCR                         |
| D67 | SOT23  | BRY55-60R  |    | SCR                         |
| D7  | SOT23  | BCF32      |    | NPN                         |
| D7  | SOT23  | MMBC1622D7 |    | NPN                         |

|     |        |            |   |                        |
|-----|--------|------------|---|------------------------|
| D73 | SOT23  | BA579A     |   | dioda                  |
| D74 | SOT23  | BA579C     |   | dioda                  |
| D75 | SOT23  | BA579S     |   | dioda                  |
| D76 | SOT23  | BAR18      |   | dioda                  |
| D77 | SOT23  | BCF32R     |   | NPN                    |
| D78 | SOT23  | BRY55-100  |   | SCR                    |
| D79 | SOT23  | BRY55-100R |   | SCR                    |
| D8  | SOT23  | BCF33      |   | NPN                    |
| D8  | SOT23  | MMBC1622D8 |   | NPN                    |
| D81 | SOT23  | BCF33R     |   | NPN                    |
| D82 | SOT23  | BRY55-200R |   | SCR                    |
| D84 | SOT23  | BAT18DK    |   | dioda                  |
| D85 | SOT23  | BAT170S    |   | dioda                  |
| D87 | SOT23  | BRY55-200  |   | SCR                    |
| D94 | SOT23  | BAR42      |   | dioda                  |
| D95 | SOT143 | BCV63      |   | NPN                    |
| D95 | SOT23  | BAR43      |   | dioda                  |
| D96 | SOT143 | BCV63B     |   | NPN                    |
| D96 | SOT23  | BAS70-04   |   | dioda-2x               |
| D97 | SOT23  | BAS70-05   |   | dioda-2x               |
| D98 | SOT23  | BAS7M6     |   | dioda-2x               |
| DA  | SOT23  | BCW67A     |   | PNP                    |
| DA  | SOT89  | BF622      |   | NPN                    |
| DA2 | SOT23  | SDBAX12    |   | dioda                  |
| DA5 | SOT23  | BAR43S     |   | dioda                  |
| DA6 | SOT23  | BZV53A     |   | VREFdioda              |
| DA7 | SOT23  | BZV53B     |   | VREFdioda              |
| DA8 | SOT23  | BZV54A     |   | VREFdioda              |
| DA9 | SOT23  | BZV54B     |   | VREFdioda              |
| DB  | SOT89  | BF623      |   | PNP                    |
| DB1 | SOT23  | BAR43A     |   | dioda                  |
| DB2 | SOT23  | BAR43C     |   | dioda                  |
| DB6 | SOT23  | BAY85S     |   | dioda                  |
| DC  | SOT23  | BCW67C     |   | PNP                    |
| DC  | SOT89  | BF620      |   | NPN                    |
| DC  | SOT89  | BFN20      |   | NPN                    |
| DD  | SOT89  | BFN16      |   | NPN                    |
| DE  | SOT89  | BFN18      |   | NPN                    |
| DF  | SOT23  | BCW68F     |   | PNP                    |
| DF  | SOT89  | BF621      |   | PNP                    |
| DF  | SOT89  | BFN21      |   | PNP                    |
| DG  | SOT23  | BCW68G     |   | PNP                    |
| DG  | SOT89  | BFN17      |   | PNP                    |
| DH  | SOT23  | BCW68H     |   | PNP                    |
| DH  | SOT89  | BFN19      |   | PNP                    |
| DK  | SOT23  | BCX42      |   | PNP                    |
| DQ  | SC59   | 2PB710AO   |   | PNP                    |
| DR  | SC59   | 2PB710AR   |   | PNP                    |
| DR  | SOT23  | BCW60BR    |   | NPN                    |
| DS  | SC59   | 2PB710AS   |   | PNP                    |
| DT  | SOT23  | BCW67RA    |   | PNP                    |
| DU  | SOT23  | BCW67RB    |   | PNP                    |
| DW  | SOT23  | BCW67RC    |   | PNP                    |
| DX  | SOT23  | BCW68RF    |   | PNP                    |
| DY  | SOT23  | BCW68RG    |   | PNP                    |
| DZ  | SOT23  | BCW68RH    |   | PNP                    |
| e   | SCD80  | BAT64-02W  | I |                        |
| E   | SCD80  | BB689      | I | 2-55pF varicap         |
| E   | SOT23  | 2SC3265    |   | NPN                    |
| E   | SOT89  | 2SA1202    |   | PNP                    |
| E   | USM    | 1SS780     | I | 40V 100mA lo leakage   |
| E0  | SOT23  | HSMP-3810  | C | HP3810 pin atten diode |
| E0  | SOT323 | HSMP-381B  | C | HP3810 pin atten diode |
| E1  | SOT23  | BFS17      |   | NPN                    |
| E1  | SOT23  | HSMP-3811  | K | HP3810 pin atten diode |
| E1  | SOT323 | BFS17W     |   | NPN                    |
| E15 | SOT23  | BF747      |   | NPN                    |
| E16 | SOT23  | BF547      |   | NPN                    |
| E1p | SOT23  | BFS17      | N | BFY90 BFW92            |
| E1p | SOT323 | BFS17W     | N | BFY90 BFW92            |
| E1X | SOT23  | KSC2859    |   | NPN                    |
| E2  |        | BAL99      | C | sw diode 75V 100mA     |

|     |        |             |   |                                    |
|-----|--------|-------------|---|------------------------------------|
| E2  | SOT23  | BAL99       |   | dioda                              |
| E2  | SOT23  | BFS17A      |   | NPN                                |
| E2  | SOT23  | BFS17A      | N | npn RF 3GHz 25mA                   |
| E2  | SOT23  | HSMP-3812   | D | dual series HP3810 pin attendiode  |
| E3  |        | BAR99       | C | sw diode 75V 100mA                 |
| E3  | SOT23  | BAR99       |   | dioda                              |
| E3  | SOT23  | HSMP-3813   | A | dual HP3810 pin atten diode        |
| E4  |        | BFS17R      | R | BFY90 BFW92                        |
| E4  | SOT23  | BFS17R      |   | NPN                                |
| E4  | SOT23  | HSMP-3814   | B | dual cc HP3810 pin attendiode      |
| E5  |        | BFS17AR     | R | npn rf 3 GHz 25mA                  |
| E5  | SOT23  | BFS17AR     |   | NPN                                |
| E5  | SOT23  | BFS17S      |   | NPN                                |
| E6  |        | ZC2800E     | C | HP2800                             |
| E6  | SOT143 | BFG17A      |   | NPN                                |
| E6  | SOT23  | ZC2800E     |   | dioda                              |
| E7  | SOT23  | ZC2810E     |   | dioda                              |
| E8  |        | ZC2811E     | C | HP2811                             |
| E8  | SOT23  | ZC2811E     |   | dioda                              |
| E9  |        | ZC5800E     | C | HP5800                             |
| E9  | SOT23  | ZC5800E     |   | dioda                              |
| EA  | SOT23  | BCW65A      |   | NPN                                |
| EAs | SOT23  | BCW65A      | N | npn 32V 800mA hfe 100 min          |
| EB  |        | MSC1022-B   | H | pnp RF 150MHz fT 20V               |
| EB  | SC59   | MSA1022-BT1 |   | PNP                                |
| EB  | SOT23  | BCW65B      |   | NPN                                |
| EB  | SOT23  | HSMP-4810   | J | 0.5-3GHz pin 2 cathode connections |
| EBs | SOT23  | BCW65B      | N | npn 32V 800mA hfe 160 min          |
| EC  |        | MSC1022-C   | H | pnp RF 150MHz fT 20V               |
| EC  | SC59   | MSA1022-CT1 |   | PNP                                |
| EC  | SOT23  | BCW65C      |   | NPN                                |
| EC  | SOT23  | BCW67C      |   | PNP                                |
| ECs | SOT23  | BCW65C      | N | npn 32V 800mA hfe 250 min          |
| ED  | SOT89  | BCV28       |   | PNP                                |
| ED  | SOT89  | BCV28       | P | pnp darlington 30V 0.8Acomp BCV29  |
| EE  | SOT89  | BCV48       |   | PNP                                |
| EE  | SOT89  | BCV48       | P | pnp darlington 60V 0.8Acomp BCV49  |
| EF  | SOT23  | BCW66F      |   | NPN                                |
| EF  | SOT23  | BCW66F      | N | npn 45V 800mA hfe 100 min          |
| EF  | SOT89  | BCV29       |   | NPN                                |
| EF  | SOT89  | BCV29       | P | npn darlington 30V 0.8Acomp BCV28  |
| EG  | SOT23  | BCW66G      |   | NPN                                |
| EG  | SOT89  | BCV49       |   | NPN                                |
| EG  | SOT89  | BCV49       | P | npn darlington 60V 0.8Acomp BCV48  |
| EGs | SOT23  | BCW66G      | N | npn 45V 800mA hfe 160 min          |
| EH  | SOT23  | BCW66H      |   | NPN                                |
| EHs | SOT23  | BCW66H      | N | npn 45V 800mA hfe 240 min          |
| EK  | SOT23  | BCX41       |   | NPN                                |
| EKs | SOT23  | BCX41       | N | gp npn 125V 1A comp BCX42          |
| ET  | SOT23  | BCW66RA     |   | NPN                                |
| ET  | SOT23R | BCW65AR     | R | npn 32V 800mA hfe 100 min          |
| EU  | SOT23  | BCW66RB     |   | NPN                                |
| EU  | SOT23R | BCW65BR     | R | npn 32V 800mA hfe 160 min          |
| EW  | SOT23  | BCW66RC     |   | NPN                                |
| EW  | SOT23R | BCW65CR     | R | npn 32V 800mA hfe 240 min          |
| EX  | SOT23  | BCW66RF     |   | NPN                                |
| EX  | SOT23R | BCW65FR     | R | npn 45V 800mA hfe 100 min          |
| EY  | SOT23  | BCW66RG     |   | NPN                                |
| EY  | SOT23R | BCW65GR     | R | npn 45V 800mA hfe 160 min          |
| EZ  | SOT23  | BCW66HH     |   | NPN                                |
| EZ  | SOT23R | BCW65HR     | R | npn 45V 800mA hfe 240 min          |
| f   | SCD80  | BAS20-02W   | I |                                    |
| F   | SOT323 | MRF927      | N | npn RF fT 8GHz                     |
| F   | SOT89  | 2SC2882     |   | NPN                                |
| F   | URD    | KV1831E     | I | uhf varicap 2.5-22pf               |
| F0  | SOT23  | HSMP-3820   | C | 35V RF pin sw diode                |
| F01 | SOT23  | S04416      |   | FET                                |
| F02 | SOT23  | S04091      |   | FET                                |
| F03 | SOT23  | S04391      |   | FET                                |
| F05 |        | TSDF1205    | X | fT 12GHz npn RF 4V 12mA            |
| F07 | SOT23  | S04392      |   | FET                                |
| F08 | SOT23  | S04393      |   | FET                                |

|     |        |            |   |                                |
|-----|--------|------------|---|--------------------------------|
| F09 | SOT23  | S03966     |   | FET                            |
| F1  |        | MMBC1009F1 | N | RF npn fT 150MHz hfe30-60      |
| F1  | SOT23  | BFS18      |   | NPN                            |
| F1  | SOT23  | BFS18      | N | BF495                          |
| F1  | SOT23  | HSMP-3821  | K | 35V RF pin sw diode            |
| F1  | SOT23  | MMBC1009F1 |   | NPN                            |
| F10 | SOT23  | S04092     |   | FET                            |
| F11 | SOT23  | SO4093     |   | FET                            |
| F12 | SOT23  | SO245B     |   | FET                            |
| F13 | SOT23  | BFR30R     |   | FET                            |
| F14 | SOT23  | BFR31R     |   | FET                            |
| F15 | SOT23  | S05432     |   | FET                            |
| F16 | SOT23  | SO5432R    |   | FET                            |
| F17 | SOT23  | SO5433     |   | FET                            |
| F18 | SOT23  | S05433R    |   | FET                            |
| F19 | SOT23  | S05434     |   | FET                            |
| F1X | SOT23  | KSA1182    |   | PNP                            |
| F2  | SOT23  | BFS19      |   | NPN                            |
| F2  | SOT23  | BFS19      | N | BF184 BF494                    |
| F2  | SOT23  | HSMP-3822  | D | dual series HP3820 pin swdiode |
| F2  | SOT23  | MMBC1009F2 |   | NPN                            |
| F20 |        | TSDF1220   | X | fT 12GHz npn 6V 20mA           |
| F20 | SOT23  | S0245BR    |   | FET                            |
| F21 | SOT23  | S0245A     |   | FET                            |
| F22 | SOT23  | SO4091R    |   | FET                            |
| F23 | SOT23  | SO4391R    |   | FET                            |
| F24 | SOT23  | S0245AR    |   | FET                            |
| F25 | SOT23  | S0245C     |   | FET                            |
| F26 | SOT23  | S0245CR    |   | FET                            |
| F27 | SOT23  | S04392R    |   | FET                            |
| F28 | SOT23  | S04393R    |   | FET                            |
| F29 | SOT23  | S03966R    |   | FET                            |
| F2p | SOT23  | BFS19      | N | BF184 BF494                    |
| F2t | SOT23  | BFS19      | N | BF184 BF494                    |
| F3  |        | MMBC1009F3 | N | RF npn fT150MHz hfe60-120      |
| F3  | SOT23  | MMBC1009F3 |   | NPN                            |
| F30 | SOT23  | S04092R    |   | FET                            |
| F31 | SOT23  | SO4093R    |   | FET                            |
| F32 | SOT23  | S05434R    |   | FET                            |
| F3T | SC59   | 1PS193     |   | diode-2x                       |
| F4  |        | BFS18R     | N | BF495                          |
| F4  | SOT23  | BFS18R     |   | NPN                            |
| F4  | SOT23  | HSMP-3824  | B | dual cc HP3820 pin sw diode    |
| F4  | SOT23  | MMBC1009F4 |   | NPN                            |
| F5  |        | BFS19R     | N | BF184 BF494                    |
| F5  | SOT23  | BFS19R     |   | NPN                            |
| F5  | SOT23  | MMBC1009F5 |   | NPN                            |
| F69 | SOT23  | ZBF569     |   | PNP                            |
| F79 | SOT23  | ZBF579     |   | PNP                            |
| F8  | SOT23  | BF824      |   | PNP                            |
| F8p | SOT23  | BF824      | N |                                |
| F8t | SOT23  | BF824      | N |                                |
| F8t | SOT323 | BF824W     | N |                                |
| FA  |        | BFP81      | X | BFQ69                          |
| FA  | SOT143 | BFP81      |   | NPN                            |
| FA  | SOT23  | HSMP-4820  | B | 0.5-3GHz cc pin dual anode     |
| FA  | SOT89  | BFQ17      |   | NPN                            |
| FA  | SOT89  | BFQ17      | P | npn RF 1.5GHz 300mA            |
| FA  | SOT89  | BFQ19      | P | npn RF Ft 5.5GHz 100mA         |
| FB  |        | BFP17      | X | BFW92                          |
| FB  | SOT89  | BFQ19      |   | NPN                            |
| FC  |        | BFP29      | X | BFT97                          |
| FC  |        | BFQ64      | P | BFT98T                         |
| FC  | SOT89  | BFQ64      |   | NPN                            |
| FD  |        | BFP35A     | X | BFR34A                         |
| FD  | SOT23  | BCV26      |   | PNP                            |
| FD  | SOT23  | BCV26      | N | npn darlington                 |
| FD  | SOT89  | BFQ17P     |   | NPN                            |
| FD  | SOT89  | BFQ17P     | P | BFW16A                         |
| FDp | SOT23  | BCV26      | N | npn darlington                 |
| FDt | SOT23  | BCV26      | N | npn darlington                 |
| FE  | SOT143 | BFP93A     |   | NPN                            |

|       |        |           |    |                              |
|-------|--------|-----------|----|------------------------------|
| FE    | SOT143 | BFP93A    | X  | BFR91A                       |
| FE    | SOT23  | BCV46     |    | PNP                          |
| FE    | SOT23  | BCV46     | N  | pnnp darlington              |
| FE    | SOT89  | BFQ19P    |    | NPN                          |
| FEp   | SOT23  | BCV46     | N  | pnnp darlington              |
| FEs   | SOT89  | BFQ19P    | P  | BFR96                        |
| FEt   | SOT23  | BCV46     | N  | pnnp darlington              |
| FF    | SOT23  | BCV27     |    | NPN                          |
| FF    | SOT23  | BCV27     | N  | npn darlington               |
| FF    | SOT89  | BFQ18A    |    | NPN                          |
| FFp   | SOT23  | BCV27     | N  | npn darlington               |
| FFt   | SOT23  | BCV27     | N  | npn darlington               |
| FG    | SOT23  | BCV47     |    | NPN                          |
| FG    | SOT23  | BCV47     | N  | npn darlington               |
| FG    | SOT89  | BFQ149    |    | PNP                          |
| FG    | SOT89  | BFQ19S    |    | NPN                          |
| FG    | SOT89  | BFQ19S    | P  | BFR96S                       |
| FGp   | SOT23  | BCV47     | N  | npn darlington               |
| FGt   | SOT23  | BCV47     | N  | npn darlington               |
| FH    | SOT23  | BFN24     |    | NPN                          |
| FHs   | SOT23  | BFN24     | N  | npn 250V comp to BFN25       |
| FJ    | SOT23  | BFN26     |    | NPN                          |
| FJ    | SOT23  | BFN26     | N  | npn 300V comp to BFN27       |
| FK    | SOT23  | BFN25     |    | PNP                          |
| FK    | SOT23  | BFN25     | N  | pnnp 250V comp to BFN24      |
| FL    | SOT23  | BFN27     |    | PNP                          |
| FL    | SOT23  | BFN27     | N  | pnnp 300V comp to BFN26      |
| F-Q   | SOT323 | 2PA1576Q  | N  | gp pnp SC70 hfe 120-270      |
| FR    |        | 2SA1037AK | N  | hfe 150@1ma preamp pnp       |
| FR    | EM3    | 2SA1774   | N  | see 2SA1037K above           |
| FR    | UMT    | 2SA1576A  | N  | see 2SA1037K above           |
| F-R   | SOT323 | 2PA1576R  | N  | gp pnp hfe 180-390           |
| F-S   | SOT323 | 2PA1576S  | N  | gp pnp hfe 270-560           |
| FT107 | SOT223 | MMFT107T1 |    | MOS                          |
| FT960 | SOT223 | MMFT960T1 |    | MOS                          |
| FtQ   | SOT323 | 2PA1576Q  | N  | gp pnp SC70 hfe 120-270      |
| FtR   | SOT323 | 2PA1576R  | N  | gp pnp hfe 180-390           |
| FtS   | SOT323 | 2PA1576S  | N  | gp pnp hfe 270-560           |
| G     | SCD80  | BAR63-02W | I  | RF pin to 3GHz               |
| G     | SOD323 | BAR63-03W | I  | RF pin to 3GHz               |
| G     | SOT323 | MRF947A   | N  | npn RF 8GHz                  |
| G     | SOT89  | 2SC2883   |    | NPN                          |
| G     | URD    | KV1181E   | I  | uhf varicap 2-16pF           |
| G0    | SOT23  | HSMP-3890 | C  | HP3890 pin sw diode          |
| G0    | SOT323 | HSMP-389B | C  | HP3890 pin sw diode          |
| G1    | SOT23  | BFS20     |    | NPN                          |
| G1    | SOT23  | BFS20     | N  | BF199                        |
| G1    | SOT23  | FMMT5551  |    | NPN                          |
| G1    | SOT23  | MMBT5551  |    | NPN                          |
| G1    | SOT23  | MMBT5551  | N  | 2N5551 npn Vce 140V          |
| G1    | SOT23  | PMBT5551  |    | NPN                          |
| G1E   |        | BC847A    | N  | BC547A                       |
| G1F   |        | BC847B    | N  | BC547B                       |
| G1G   |        | BC847C    | N  | BC547C                       |
| G1J   |        | BC848A    | N  | BC548A                       |
| G1K   |        | BC848B    | N  | BC548B                       |
| G1L   |        | BC848C    | N  | BC548C                       |
| G1p   | SOT23  | BFS20     | N  | BF199                        |
| G1t   | SOT23  | HSMP-3891 | K  | HP3890 pin sw diode          |
| G2    | SOT143 | CGY50     |    | GaAsMMIC                     |
| G2    | SOT143 | CGY50     | IQ | GaAs MMIC amp                |
| G2    | SOT23  | BF550     |    | PNP                          |
| G2    | SOT23  | HSMP-3892 | D  | dual ser HP3890 pin sw diode |
| G3    | SOT23  | BAR63     | C  | single 3GHz pin              |
| G3    | SOT23  | BF536     |    | PNP                          |
| G3    | SOT23  | HSMP-3893 | A  | dual HP3890 pin sw diode     |
| G30   | SOT23  | ZGF300F   |    | NPN                          |
| G3E   | SOT23  | BC857A    | N  | BC557A                       |
| G3F   | SOT23  | BC857B    | N  | BC557B                       |
| G3J   | SOT23  | BC858A    | N  | BC558A                       |
| G3K   | SOT23  | BC858B    | N  | BC558B                       |
| G3L   | SOT23  | BC858C    | N  | BC558C                       |

|     |        |           |    |                               |
|-----|--------|-----------|----|-------------------------------|
| G4  | SOT23  | BAR63-04  | D  | dual series 3GHz pin          |
| G4  | SOT23  | BFS20R    |    | NPN                           |
| G4  | SOT23  | BFS20R    | N  | BF199                         |
| G4  | SOT23  | HSMP-3894 | B  | dual HP3890 pin sw diode      |
| G4s | SOT323 | BAR63-04W | D  | dual series 3GHz pin          |
| G5  | SOT143 | HSMP-3895 | S  | dual HP3890 pin sw diode      |
| G5  | SOT23  | BAR63-05  | B  | dual cc 3GHz pin              |
| G5  | SOT23  | BF550R    |    | PNP                           |
| G5s | SOT323 | BAR63-05W | B  | dual cc 3GHz pin              |
| G6  | SOT23  | BAR63-06  | A  | dual ca 3GHz pin              |
| G6  | SOT23  | BF569     |    | PNP                           |
| G6A |        | BC817-16  | N  | BC337-16                      |
| G6B |        | BC817-25  | N  | BC337-25                      |
| G6s | SOT323 | BAR63-06W | A  | dual ca 3GHz pin              |
| G7  |        | BF579     | N  | BF979 pnp uhf ft 1.75GHz      |
| G7  | SOT23  | BF579     |    | PNP                           |
| G8  | SOT23  | BF660     |    | PNP                           |
| G9  | SOT23  | BF767     |    | PNP                           |
| GA  | SOT23  | HSMP-4890 | B  | 0.5-3GHz dual cc pin limiter  |
| GA  | SOT23  | S416T     |    | PNP                           |
| GA  | SOT89  | BAW78A    |    | dioda                         |
| GA  | SOT89  | BAW78A    | LQ | 50V 1A sw diode               |
| GB  | SOT89  | BAW78B    |    | dioda                         |
| GB  | SOT89  | BAW78B    | LQ | 100V 1A sw diode              |
| GC  | SOT89  | BAW78C    |    | dioda                         |
| GC  | SOT89  | BAW78C    | LQ | 200V 1A sw diode              |
| GC1 |        | BCW29     | N  | BC178A                        |
| GC2 |        | BCW30     | N  | BC178B                        |
| GD  | SOT89  | BAW78D    |    | dioda                         |
| GD  | SOT89  | BAW78D    | LQ | 400V 1A sw diode              |
| GD1 |        | BCW33     | N  | BC108C                        |
| GD2 |        | BCW32     | N  | BC108B                        |
| GE  | SOT23  | BFR35AP   |    | NPN                           |
| GE  | SOT23  | BFR35AP   | N  | BFR34A                        |
| GE  | SOT89  | BAW79A    |    | dioda-2x                      |
| GE  | SOT89  | BAW79A    | JQ | dual cc 50V 1A switch diodes  |
| GF  | SOT23  | BFR92P    |    | NPN                           |
| GF  | SOT23  | BFR92P    | N  | BFR90                         |
| GF  | SOT89  | BAW79B    |    | dioda-2x                      |
| GF  | SOT89  | BAW79B    | JQ | dual cc 100V 1A switch diodes |
| GG  |        | BF579R    | R  | BF979 pnp uhf ft1.75GHz       |
| GG  | SOT23  | BF579R    |    | PNP                           |
| GG  | SOT23  | BFR93P    |    | NPN                           |
| GG  | SOT23  | BFR93P    | N  | BFR91A                        |
| GG  | SOT89  | BAW79C    |    | dioda-2x                      |
| GG  | SOT89  | BAW79C    | JQ | dual cc 200V 1A switch diodes |
| GH  | SOT89  | BAW79D    |    | dioda-2x                      |
| GH  | SOT89  | BAW79D    | JQ | dual cc 400V 1A switch diodes |
| GH1 |        | BCW69     | N  | BC177A                        |
| GH2 |        | BCW70     | N  | BC177B                        |
| GK1 |        | BCW71     | N  | BC107A                        |
| GK2 |        | BCW72     | N  | BC107B ZXT300                 |
| GLP | SOT23  | MMBT1010  | N  | pnp 15V hfe 300-600 @100mA    |
| GLP | SOT346 | MMBT1010  | N  | pnp 15V hfe 300-600 @100mA    |
| GT1 |        | BCX17     | N  | BC327                         |
| GT2 |        | BCX18     | N  | BC328                         |
| GU1 |        | BCX19     | N  | BC337                         |
| GU2 |        | BCX20     | N  | BC338                         |
| H   | SCD80  | BB659C    | I  | 2.5-39 pF varicap in          |
| H   | SOD323 | BBY51-03W | I  | 3-5 pF varicap in             |
| H   | SOT323 | MRF947B   | N  | nnp RF 8GHz                   |
| H   | SOT89  | 2SA1203   |    | PNP                           |
| H1  | SOT23  | BCW69     |    | PNP                           |
| H1  | SOT23  | BCW69     | N  | BC177A                        |
| H1  | SOT23  | SST4416   |    | JFET                          |
| H11 |        | UMH11TN   | DI | nnp/pnp pair 10k+10k biasres  |
| H16 |        | SST4416   | F  | 2N4416 n-ch jfet              |
| H1p | SOT23  | BCW69     | N  | BC177A                        |
| H1t | SOT23  | BCW69     | N  | BC177A                        |
| H2  | SOT23  | BCW70     |    | PNP                           |
| H2  | SOT23  | BCW70     | N  | BC177B                        |
| H2p | SOT23  | BCW70     | N  | BC177B                        |

|     |        |           |    |                         |
|-----|--------|-----------|----|-------------------------|
| H2t | SOT23  | BCW70     | N  | BC177B                  |
| H3  | SOT23  | BCW89     |    | PNP                     |
| H3  | SOT23  | BCW89     | N  | BC556                   |
| H31 | SOT23  | BCW89R    |    | PNP                     |
| H31 | SOT23R | BCW89R    | N  | BC556                   |
| H3p | SOT23  | BCW89     | N  | BC556                   |
| H3t | SOT23  | BCW89     | N  | BC556                   |
| H4  | SOT23  | BCW69R    |    | PNP                     |
| H4  | SOT23  | SST5484   |    | JFET                    |
| H4  | SOT23R | BCW69R    | R  | BC177A                  |
| H5  |        | MBD770DW  | DL | Dual UHF schottky diode |
| H5  | SOT23  | BCW70R    |    | PNP                     |
| H5  | SOT23  | SST5485   |    | JFET                    |
| H5  | SOT23R | BCW70R    | R  | BC177B                  |
| H6  | SOT23  | BCW89R    |    | PNP                     |
| H6  | SOT23  | SST5486   |    | JFET                    |
| H6  | SOT23R | BCW89R    | R  | BC556                   |
| H7  | SOT23  | BCF70     |    | PNP                     |
| H71 | SOT23  | BCF70R    |    | PNP                     |
| H84 | SOT23  | FMMJ5484  |    | FET                     |
| H84 | SOT23  | SST5484   | F  | 2N5484                  |
| H85 | SOT23  | FMMJ5485  |    | FET                     |
| H85 | SOT23  | SST5485   | F  | 2N5485                  |
| H86 | SOT23  | FMMJ5486  |    | FET                     |
| H86 | SOT23  | SST5486   | F  | 2N5486                  |
| HB  |        | BFN22     | P  | npn Vce 250V            |
| HB  | SOT23  | 2SC3120   |    | NPN                     |
| HB  | SOT23  | BFN22     |    | NPN                     |
| HC  |        | BFN23     | P  | pnp Vce 250V            |
| HC  | SOT23  | 2SC3121   |    | NPN                     |
| HC  | SOT23  | 2SC4255   |    | NPN                     |
| HC  | SOT23  | BFN23     |    | PNP                     |
| HD  | SOT23  | 2SC3122   |    | NPN                     |
| HE  | SOT23  | 2SC3123   |    | NPN                     |
| HF  | SOT23  | 2SC3124   |    | NPN                     |
| HG  |        | CFY77-08  | DM | 20GHz HEMT 0.8dB nf     |
| HH  |        | CFY77-10  | DM | 20GHz HEMT 1.0 dB nf    |
| HH  | SOT143 | BBY51-07  | S  | dual varicap like BBY51 |
| HH  | SOT23  | 2SC3125   |    | NPN                     |
| HI  | SOT23  | 2SC3547A  |    | NPN                     |
| HK  | SOT143 | 2SC3828   |    | NPN                     |
| HL  | SOT23  | 2SC3862   |    | NPN                     |
| HM  | SOT23  | 2SC3547B  |    | NPN                     |
| HN  | SOT143 | 2SC4214   |    | NPN                     |
| HQ  |        | 2SA1036K  | N  | pnp 500mA driver        |
| I   | SCD80  | BBY51-02W | I  | 3-5 pF varicap          |
| I   | SOD323 | BBY52-03W | I  | 1.25-1.75 pF varicap in |
| I   | SOT23  | 2SA1298   |    | NPN                     |
| I   | SOT89  | 2SA1384   |    | PNP                     |
| I0  | SOT23  | SST110    |    | JFET                    |
| I08 | SOT23  | SST108    | F  | J108 n-ch jfet          |
| I09 | SOT23  | SST109    | F  | J109 n-ch jfet          |
| I10 | SOT23  | SST110    | F  | J110 n-ch jfet          |
| I8  | SOT23  | SST108    |    | JFET                    |
| I9  | SOT23  | SST109    |    | JFET                    |
| J   | SOT23  | 2SK208    |    | JFET                    |
| J   | SOT89  | 2SC3515   |    | NPN                     |
| J0  | SOT23  | HSMS-2840 | C  | schottky diode          |
| J01 |        | SO2906R   | N  | 2N2906                  |
| J01 | SOT23  | SO2906R   |    | PNP                     |
| J03 |        | SO2907AR  | R  | 2N2907A                 |
| J03 | SOT23  | SO2907AR  |    | PNP                     |
| J05 |        | SO2907R   | R  | 2N2907                  |
| J05 | SOT23  | SO2907R   |    | PNP                     |
| J06 | SOT23  | SO2894R   |    | PNP                     |
| J1  |        | ZC830     | C  | ZC820 varicaps          |
| J1  | SOT23  | BSS138L   | M  | n-ch enh TMOS fet       |
| J1  | SOT23  | HSMS-2841 | K  | schottky diode          |
| J12 |        | SO2906AR  | R  | 2N2906A                 |
| J12 | SOT23  | SO2906AR  |    | PNP                     |
| J1A | SOT23  | ZC830A    |    | VCAPdioda               |
| J1B | SOT23  | ZC830B    |    | VCAPdioda               |

|     |        |         |    |                              |
|-----|--------|---------|----|------------------------------|
| J1S | SOT23  | ZC830   |    | VCAPdioda                    |
| J1X | SOT23  | KSA1298 |    | PNP                          |
| J2  |        | ZC833   | C  | ZC823                        |
| J25 | SOT23  | S03906R |    | PNP                          |
| J26 | SOT23  | S03905R |    | PNP                          |
| J2A | SOT23  | ZC833A  |    | VCAPdioda                    |
| J2B | SOT23  | ZC833B  |    | VCAPdioda                    |
| J2S | SOT23  | ZC833   |    | VCAPdioda                    |
| J3  |        | ZC831   | C  | ZC821                        |
| J32 |        | SO5400R | R  | 2N5400                       |
| J32 | SOT23  | SO5400R |    | PNP                          |
| J33 |        | SO5401R | R  | 2N5401                       |
| J33 | SOT23  | SO5401R |    | PNP                          |
| J39 |        | SO692R  |    | pnp Vce 300V                 |
| J39 | SOT23  | S0692   |    | PNP                          |
| J3A | SOT23  | ZC831A  |    | VCAPdioda                    |
| J3B | SOT23  | ZC831B  |    | VCAPdioda                    |
| J3D |        | MSB81T1 |    | vhf pnp fT 0.6GHz            |
| J3S | SOT23  | ZC831   |    | VCAPdioda                    |
| J4  |        | ZC832   | C  | ZC823                        |
| J4A | SOT23  | MBV109  | C  | 29pF VHF varicap diode       |
| J4A | SOT23  | ZC832A  |    | VCAPdioda                    |
| J4B | SOT23  | ZC832B  |    | VCAPdioda                    |
| J4S | SOT23  | ZC832   |    | VCAPdioda                    |
| J5  |        | ZC834   | C  | ZC824                        |
| J5A | SOT23  | ZC834A  |    | VCAPdioda                    |
| J5B | SOT23  | ZC834B  |    | VCAPdioda                    |
| J5S | SOT23  | ZC834   |    | VCAPdioda                    |
| J6  |        | M1MA174 | C  | gp Si diode 100V             |
| J6  |        | ZC835   | C  | ZC825                        |
| J6A | SOT23  | ZC835A  |    | VCAPdioda                    |
| J6B | SOT23  | ZC835B  |    | VCAPdioda                    |
| J6S | SOT23  | ZC835   |    | VCAPdioda                    |
| J7  |        | ZC836   | C  | ZC826                        |
| J7A | SOT23  | ZC836A  |    | VCAPdioda                    |
| J7B | SOT23  | ZC836B  |    | VCAPdioda                    |
| J7S | SOT23  | ZC836   |    | VCAPdioda                    |
| J8  | SOT23  | BCX71JR |    | PNP                          |
| J8  | SOT23R | BCX71JR | R  | BCY79-ix                     |
| JA  | SOT23  | BAV74   |    | diodax2                      |
| JA  | SOT23  | BAV74   | B  | dual diode cc 50V 0.1A       |
| JA  | SOT23  | BAV74   | B  | dual sw diodes               |
| JB  | SOT23  | BAR74   |    | dioda                        |
| JBs | SOT23  | BAR74   | C  | fast sw diode 50V 0.25A      |
| JC  | SOT23  | BAL74   |    | dioda                        |
| JCs | SOT23  | BAL74   | V  | fast sw diode 50V 0.25A      |
| JF  | SOT23  | BAL99   |    | dioda                        |
| JFs | SOT23  | BAL99   | V  | fast sw diode 70V 0.25A      |
| JG  |        | BAR99   | E  | fast sw diode 70V 0.25A      |
| JG  | SOT23  | BAR99   |    | dioda                        |
| JJ  | SOT23  | BAV70   |    | dioda-2x                     |
| JKs | SOT143 | BF1009  | W  | biased n-ch dg mosfet 1GHz9V |
| JL  | SOT323 | MRF949  | N  | nnp RF fT 9GHz               |
| JLs | SOT143 | BF1009S | W  | biased n-ch dg mosfet 1GHz9V |
| JP  | SOT143 | BAW101  |    | dioda-2x                     |
| JP  | SOT23  | BAS19   |    | dioda                        |
| JPs | SOT143 | BAW101  | S  | pair isolated 300V sw diodes |
| JPs | SOT23  | BAS19   | C  | 120V 250mA fast sw diode     |
| JR  | SOT23  | BAS20   |    | dioda                        |
| JRs | SOT23  | BAS20   | C  | 150V 250mA fast sw diode     |
| JS  | SOT143 | BAW     |    | 100                          |
| JS  | SOT143 | BAW100  | Y  | dual isolated fast sw diodes |
| JS  | SOT23  | BAS21   |    | dioda                        |
| JSs | SOT143 | BAS21   | C  | 200V 250mA fast sw diode     |
| JT  | SOT143 | BAS28   |    | dioda-2x                     |
| JTs | SOT143 | BAS28   | S  | dual isolated fast sw diodes |
| JTs | SOT343 | BAS28W  | FQ | dual isolated fast sw diodes |
| JV  | SOT23  | BAS116  |    | dioda                        |
| JV  | SOT23  | BAS116  | C  | 250V 75mA Ir 5nA             |
| JX  | SOT23  | BAV170  |    | dioda-2x                     |
| JX  | SOT23  | BAV170  | B  | dual cc Si diode low Ir      |
| JY  | SOT23  | BAV199  |    | dioda-2x                     |



|     |        |           |   |                                |
|-----|--------|-----------|---|--------------------------------|
| JY  | SOT23  | BAV199    | D | dual series Si diode lowIr     |
| JZ  | SOT23  | BAW       |   | 156                            |
| JZ  | SOT23  | BAW156    | A | dual ca Si diode low Ir        |
| K   | SCD80  | BBY52-02W | I | UHF varicap 1.75-1.25pF        |
| K   | SOD323 | BAT68-03W | I | BAT68 Schottky                 |
| K   | SOT23  | 2SK211    |   | JFET                           |
| K   | SOT323 | MRF917    | N | npn RF fT 6GHz                 |
| K0  | SOT23  | HSMP-3830 | C | gp pin diode HP3830            |
| K1  | SOT23  | BCW71     |   | NPN                            |
| K1  | SOT23  | BCW71     | N | BC107A                         |
| K1  | SOT23  | HSMP-3831 | K | gp pin diode HP3830            |
| K14 |        | DTA114G   | N | pnp sw 50V 100mA w. b-eres     |
| K15 |        | DTA124G   | N | pnp sw 50V 50mA w. b-e res     |
| K1p | SOT23  | BCW71     | N | BC107A                         |
| K1t | SOT23  | BCW71     | N | BC107A                         |
| K1X | SOT23  | KSC3265   |   | NPN                            |
| K2  | SOT23  | BCW72     |   | NPN                            |
| K2  | SOT23  | BCW72     | N | BC107B ZXT300                  |
| K2  | SOT23  | HSMP-3832 | D | dual HP3830 pin diode          |
| K24 |        | DTC114G   | N | npn sw 50V 100mA w. b-eres     |
| K25 |        | DTA124G   | N | pnp sw 50V 50mA w. b-e res     |
| K2p | SOT23  | BCW72     | N | BC107B ZXT300                  |
| K2t | SOT23  | BCW72     | N | BC107B ZXT300                  |
| K3  | SOT23  | BCW81     |   | NPN                            |
| K3  | SOT23  | BCW81     | N | npn 50V 0.1A 0.2W hfe 420      |
| K3  | SOT23  | HSMP-3833 | A | dual HP3830 pin diode          |
| K31 |        | BCW81R    | R | npn 50V 0.1A 0.2W hfe 420      |
| K31 | SOT23  | BCW81R    |   | NPN                            |
| K3p | SOT23  | BCW81     | N | npn 50V 0.1A 0.2W hfe 420      |
| K3t | SOT23  | BCW81     | N | npn 50V 0.1A 0.2W hfe 420      |
| K4  | SOT23  | BCW71R    |   | NPN                            |
| K4  | SOT23  | HSMP-3834 | B | dual HP3830 pin diode          |
| K4  | SOT23R | BCW71R    | R | BC107A                         |
| K5  | SOT23  | BCW72R    |   | NPN                            |
| K5  | SOT23R | BCW72R    | R | BC107B ZTX300                  |
| K6  | SOT23  | BCV71R    |   | NPN                            |
| K6  | SOT23R | BCV71R    | R | BC546A                         |
| K7  | SOT23  | BCV71     |   | NPN                            |
| K7  | SOT23  | BCV71     | N | BC546A                         |
| K71 | SOT23  | BCV71R    |   | NPN                            |
| K7p | SOT23  | BCV71     | N | BC546A                         |
| K7t | SOT23  | BCV71     | N | BC546A                         |
| K8  | SOT23  | BCV72     |   | NPN                            |
| K8  | SOT23  | BCV72     | N | BC546B                         |
| K81 | SOT23  | BCV72R    |   | NPN                            |
| K8p | SOT23  | BCV72     | N | BC546B                         |
| K8t | SOT23  | BCV72     | N | BC546B                         |
| K9  | SOT23  | BCF81     |   | NPN                            |
| K9  | SOT23  | BCV72R    |   | NPN                            |
| K9  | SOT23R | BCV72R    | R | BC546B                         |
| K91 | SOT23  | BCF81R    |   | NPN                            |
| KA  | SOT23  | 2SK368    |   | JFET                           |
| KA  | SOT87  | BSS87     |   | MOSFET                         |
| KB  | SOT23  | MMBT8099L | N | npn 80V gp                     |
| KB  | SOT89  | BSS192    |   | MOSFET                         |
| KC  |        | BFQ29P    | N | BFT66                          |
| KC  | SOT23  | 2SK625    |   | JFET                           |
| KC  | SOT23  | BFQ29P    |   | NPN                            |
| KM  |        | BST80     | T | VN10                           |
| KM  | SOT89  | BST80     |   | FET                            |
| KN  |        | BST84     | T | Nch VMOS 200V 0.25A            |
| KN  | SOT89  | BST84     |   | FET                            |
| KO  |        | BST86     | T | nch VMOS 180V 0.3A             |
| KO  | SOT89  | BST86     |   | FET                            |
| KX  | SOT23  | PMBF170   |   | MOSFET                         |
| L   | SCD80  | BBY53-02W | I | varicap 5.3-2.2 pF             |
| L   | SOD323 | BAT62-03W | I | BAT62 schottky detector        |
| L   | SOT23  | 2SC2712   |   | NPN                            |
| L0  | SOT23  | BAT721S   | C | dual series 40V 200mA schottky |
| L0  | SOT23  | HSMP-3860 | C | dual series pin diode          |
| L0  | SOT323 | HSMP-386B | C | gp RF pin diode                |
| L1  |        | BSS65     | N | pnp 12V 0.1A 400MHz sw         |

|      |        |            |   |                                  |
|------|--------|------------|---|----------------------------------|
| L1   | SOT23  | BSS65      |   | PNP                              |
| L12  | SOT89  | ZVNL120Z   |   | MOSFET                           |
| L2   |        | BSS69      | N | pnp 40V 0.1A 200MHz sw           |
| L2   | SOT23  | BSS69      |   | PNP                              |
| L2   | SOT23  | HSMP-3862  | D | dual RF pin diode                |
| L20  | SOT23  | BAS29      |   | dioda                            |
| L20  | SOT23  | BAS29      | C | Si diode 120V 50mA               |
| L21  | SOT23  | BAS31      |   | dioda-2x                         |
| L21  | SOT23  | BAS31      | D | dual BAS29 diodes                |
| L22  | SOT23  | BAS35      |   | dioda-2x                         |
| L22  | SOT23  | BAS35      | A | dual BAS29 diodes                |
| L3   |        | BSS70      | N | pnp 40V 0.1A 200MHz sw           |
| L3   |        | MMBC1623L3 | N | npn 40V gp                       |
| L3   | SOT23  | BSS70      |   | PNP                              |
| L3   | SOT23  | HSMP-3863  | A | ca gp RF pin diode               |
| L3   | SOT23  | MMBC1623L3 |   | NPN                              |
| L30  | SOT143 | BAV23      |   | dioda-2x                         |
| L30  | SOT143 | BAV23      | S | dual 200V 225mA diodes           |
| L31  | SOT23  | BAV23S     |   | dioda-2x                         |
| L4   |        | MMBC1623L4 | N | npn 40V gp                       |
| L4   | SOT23  | BAT54      |   | dioda                            |
| L4   | SOT23  | HSMP-3864  | B | cc gp RF pin diode               |
| L4   | SOT23  | MMBC1623L4 |   | NPN                              |
| L4   | SOT323 | BAT54W     |   | dioda                            |
| L4   | SOT323 | BAT54W     | C | BAT85 schottky                   |
| L41  | SOT143 | BAT74      |   | dioda-2x                         |
| L41  | SOT143 | BAT74      | S | 2x BAT85                         |
| L42  | SOT23  | BAT54A     |   | dioda-2x                         |
| L42  | SOT323 | BAT54AW    |   | dioda-2x                         |
| L42p | SOT23  | BAT54A     | A | dual c anode schottky            |
| L43  | SOT23  | BAT54C     |   | dioda-2x                         |
| L43  | SOT323 | BAT54CW    |   | dioda-2x                         |
| L43p | SOT23  | BAT54C     | B | dual c cathode schottky          |
| L44  | SOT23  | BAT54S     |   | dioda-2x                         |
| L44  | SOT323 | BAT54SW    |   | dioda-2x                         |
| L44p | SOT23  | BAT54S     | D | dual series schottky             |
| L4p  | SOT23  | BAT54      | C | BAT85 schottky                   |
| L4Z  | SOT23  | BAT54      | C | BAT85 schottky                   |
| L5   |        | BSS65R     | R | pnp 12V 0.1A 400MHz sw           |
| L5   |        | MMBC1623L5 | N | MPS3904 hfe 135-270              |
| L5   | SOT23  | BAS55      |   | dioda                            |
| L5   | SOT23  | BSS65R     |   | PNP                              |
| L5   | SOT23  | MMBC1623L5 |   | NPN                              |
| L51  | SOT143 | BAS56      |   | dioda-2x                         |
| L51  | SOT143 | BAS56      | S | dual 60V 200mA diodes            |
| L52  | SOT23  | BAS678     |   | dioda                            |
| L6   |        | BAR17      | C | pin diode                        |
| L6   |        | BSS69R     | N | pnp 40V 0.1A 200MHz sw           |
| L6   |        | MMBC1623L6 | N | MPS3904 hfe 200-400              |
| L6   | SOT23  | BAR17      |   | dioda                            |
| L6   | SOT23  | BSS69R     |   | PNP                              |
| L6   | SOT23  | MMBC1623L6 |   | NPN                              |
| L7   |        | BAR14-1    | D | dual pin 100mA max               |
| L7   |        | BSS70R     | N | pnp 40V 0.1A 200MHz sw           |
| L7   |        | MMBC1623L7 | N | MPS3904 hfe 300-600              |
| L7   | SOT23  | BAR14-1    |   | diodax2                          |
| L7   | SOT23  | BSS70R     |   | PNP                              |
| L7   | SOT23  | MMBC1623L7 |   | NPN                              |
| L8   |        | BAR15-1    | A | dual pin 100mA max               |
| L8   | SOT23  | BAR15-1    |   | dioda-2x                         |
| L8   | SOT23  | BAT721A    | A | dual c anode 40V 200mA schottky  |
| L9   |        | BAR16-1    | B | dual pin 100mA max               |
| L9   | SOT23  | BAR16-1    |   | dioda-2x                         |
| L9   | SOT23  | BAT721C    | B | dual c cathode 40V 200mAschottky |
| LA   | SOT23  | BF550      |   | PNP                              |
| LAp  | SOT23  | BF550      | N | pnp 40V 25mA                     |
| LB   |        | S525T      | G | n-ch vhf mosfet 200MHz           |
| LB   | SOT143 | BF999      |   | FET                              |
| LBs  | SOT23  | BF999      | G | n-ch vhf mosfet 300MHz           |
| LD   | SOT23  | BF543      |   | FET                              |
| LDs  | SOT23  | BF543      | G | n-ch vhf mosfet 300MHz           |
| LE   | SOT23  | BF660      |   | PNP                              |

|           |        |           |    |                              |
|-----------|--------|-----------|----|------------------------------|
| LEs       | SOT23  | BF660     | N  | BF606A pnp vhf osc fT 800MHz |
| LF        | SOT23  | BF777     |    | NPN                          |
| LG        | SOT23  | BF775A    |    | NPN                          |
| LGs       | SOT23  | BF775A    | N  | npn RF fT 5.6GHz for IFamp   |
| LH        |        | BF569R    | R  | BF970 pnp RF                 |
| LH        | SOT23  | BF569     |    | PNP                          |
| LHs       | SOT23  | BF569     | N  | BF970 pnp RF                 |
| LJ        | SOT23  | BF579     |    | PNP                          |
| LK        | SOT23  | BF799     |    | NPN                          |
| LKs       | SOT23  | BF799     | N  | BF959                        |
| LKs       | SOT323 | BF799W    | N  | BF959                        |
| LM        |        | d >BST120 | T  | p-ch DMOSfet 60V 0.3A        |
| LM        | SOT23  | BF569R    |    | PNP                          |
| LM        | SOT89  | BST120    |    | FET                          |
| LN        |        | BST122    | T  | p-ch DMOSfet 50V 0.25A       |
| LN        | SOT89  | BST122    |    | FET                          |
| LO        | SOT23  | BF775     |    | NPN                          |
| LOs       | SOT23  | BF775     | N  | BFQ69                        |
| LOs       | SOT323 | BF775W    | N  | BFQ69                        |
| LR        | SOT23  | BF517     |    | NPN                          |
| LRs       | SOT23  | BF517     | T  | BF763 2.5 GHz                |
| LS        | SOT23  | BF770A    |    | NPN                          |
| LSs       | SOT23  | BF770A    | N  | npn low noise RF, Ft 6GHz    |
| M         | SCD80  | BAR64-02W | I  | pin diode                    |
| M         | SOT143 | BAR65-07  | S  | dual pin diode               |
| M         | SOT89  | 2SC2873   |    | NPN                          |
| M (blue)  | SOD323 | BAR65-03W | I  | pin diode                    |
| M (white) | SOD323 | BBY55-03W | I  | 5.4-2.3pF varicap in         |
| M01       | SOT143 | BF901     |    | FET                          |
| M02       | SOT143 | BF901R    |    | FET                          |
| M04       | SOT143 | BF904     |    | FET                          |
| M06       | SOT143 | BF904R    |    | FET                          |
| M08       | SOT23  | PMBFJ308  | F  | VHF n-ch JFET J308           |
| M09       | SOT23  | PMBFJ309  |    | FET                          |
| M09       | SOT23  | PMBFJ309  | F  | VHF n-ch JFET J309           |
| M1        | SOT23  | BFR30     |    | FET                          |
| M1        | SOT23  | BFR30     | F  | BFW11 BF245                  |
| M10       | SOT23  | PMBFJ310  |    | FET                          |
| M10       | SOT23  | PMBFJ310  | F  | J310 n-ch jfet               |
| M10       | SOT23  | PMBFJ310  | F  | VHF n-ch JFET J310           |
| M16       | SOT23  | PMBF4416A |    | FET                          |
| M1B       | SOT23  | MMBT2222L | N  | 2N2222                       |
| M1E       | SOT23  | MMBTA43L  | N  | MPSA43 200V Vce npn          |
| M1F       | SOT23  | MMBT5550L | N  | 2N5550 npn 140V              |
| M1J       | SOT23  | MMBT2369L | N  | 2N2369A                      |
| M2        | SOT23  | BFR31     |    | FET                          |
| M2        | SOT23  | BFR31     | F  | BFW12 BF245                  |
| M20       | SOT143 | BFR200    |    | FET                          |
| M2B       | SOT23  | MMBT2907L | N  | 2N2907 pnp gp                |
| M2C       | SOT23  | MMBTA70L  | N  | gp pnp MPSA70                |
| M3        |        | MMBA812M3 | N  | 2N5086 hfe 60-120 pnp        |
| M3        | SOT23  | BFT46     |    | FET                          |
| M3        | SOT23  | BFT46     | F  | n-ch fet gp low level amp    |
| M3        | SOT23  | MMBA812M3 |    | PNP                          |
| M31       |        | BSD20     | XQ | n-ch depl sw mosfet 10V      |
| M31       | SOT89  | BSD20     |    | FET                          |
| M32       |        | BSD22     | XQ | n-ch depl sw mosfet 20V      |
| M32       | SOT89  | BSD22     |    | FET                          |
| M3A       | SOT23  | MMBTH24L  | N  | npn VHF amp 400MHz fT 30V    |
| M3B       | SOT23  | MMBT918L  | N  | 2N918 UHF amp                |
| M3J       | SOT23  | MMBTH69L  | N  | pnp VHF amp 2GHz fT 15V      |
| M4        |        | BSR56     | F  | 2N4856 n-ch fet              |
| M4        | SOT23  | BSR56     |    | FET                          |
| M4        | SOT23  | MMBA812M4 |    | PNP                          |
| M4        | SOT363 | MBD110DW  | DL | dual UHF schottky            |
| M4A       | SOT323 | MMBV109   | C  | Hyperabrupt varicap          |
| M4B       | SOT23  | MMBV432   | B  | dual cc varicap 45pF/2V      |
| M4C       | SOT23  | MMBV3102  | C  | Hyperabrupt varicap          |
| M4E       | SOT23  | MMBV105G  | C  | Hyperabrupt varicap          |
| M4F       | SOT23  | MMBD353   | D  | dual MBD101 in series        |
| M4G       | SOT23  | MMBV2101  | C  | varicap 6.8pF MV2101         |
| M5        |        | BSR57     | F  | 2N5457 n-ch fet              |

|     |        |            |    |                           |
|-----|--------|------------|----|---------------------------|
| M5  |        | MMBA812M5  | N  | 2N5086 hfe 135-270 pnp    |
| M5  | SOT23  | BSR57      |    | FET                       |
| M5  | SOT23  | MMBA812M5  |    | PNP                       |
| M5  | SOT323 | MMBD352W   | Z  | 2x MBD101 in series       |
| M5C | SOT23  | MMBD7000   | D  | 100V 2x series sw diodes  |
| M6  |        | BSS66      | N  | npn 40V 0.1A sw fT 250MHz |
| M6  |        | MMBA812M6  | N  | 2N5086 hfe 200-400 pnp    |
| M6  | SOT23  | BSR58      |    | FET                       |
| M6  | SOT23  | BSR58      | F  | 2N4858 n-ch fet           |
| M6  | SOT23  | BSS66      |    | NPN                       |
| M6  | SOT23  | MMBA812M6  |    | PNP                       |
| M65 | SOT23  | BF545A     |    | FET                       |
| M66 | SOT23  | BF545B     |    | FET                       |
| M67 | SOT23  | BF545C     |    | FET                       |
| M6A | SOT23  | MMBF4416   | F  | 2N4416 n-ch rf jfet       |
| M6B | SOT23  | MMBF5484   | F  | 2N5484 n-ch rf jfet       |
| M6C | SOT23  | MMBFU310   | F  | U310 n-ch rf jfet         |
| M6E | SOT23  | MMBF5460   | F  | 2N5460 n-ch rf jfet       |
| M6H | SOT23  | MMBD354    | A  | dual MBD101 cc            |
| M7  |        | BSS67      | N  | npn 40V 0.1A sw fT 300MHz |
| M7  |        | MMBA812M7  | N  | 2N5086 hfe 300-600 pnp    |
| M7  | SOT23  | BSS67      |    | NPN                       |
| M7  | SOT23  | MMBA812M7  |    | PNP                       |
| M74 |        | BSS83      | XQ | n-ch enh sw mosfet        |
| M74 | SOT143 | BSS83      |    | MOSFET                    |
| M8  |        | BSS66R     | R  | npn 40V 0.1A sw fT 250MHz |
| M8  | SOT23  | BSH103     | M  | n-ch 50V 0.11A mosfet     |
| M8  | SOT23  | BSS66R     |    | NPN                       |
| M84 | SOT23  | BF556A     |    | FET                       |
| M85 | SOT143 | BF990AR    |    | FET                       |
| M85 | SOT23  | BF556B     |    | FET                       |
| M86 | SOT23  | BF556C     |    | FET                       |
| M87 | SOT143 | BF990A     |    | FET                       |
| M89 |        | BF989      | K  | BF960                     |
| M89 | SOT143 | BF989      |    | FET                       |
| M8p | SOT23  | BSN20      | M  | n-ch 50V 0.11A mosfet     |
| M9  |        | BSS67R     | R  | npn 40V 0.1A sw fT 300MHz |
| M9  | SOT23  | BSS67R     |    | NPN                       |
| M90 |        | BF990      | W  | BF980                     |
| M90 | SOT143 | BF990      |    | FET                       |
| M91 |        | BF991      | W  | BF981                     |
| M91 | SOT143 | BF991      |    | FET                       |
| M92 |        | BF992      | W  | BF982                     |
| M92 | SOT143 | BF992      |    | FET                       |
| M94 |        | BF994      | W  | BF964                     |
| M94 | SOT143 | BF994      |    | FET                       |
| M96 |        | BF996      | W  | BF966                     |
| M96 | SOT143 | BF996      |    | FET                       |
| M97 |        | BFR101A    |    |                           |
| M97 | SOT143 | BFR101A    |    | FET                       |
| M98 |        | BFR101B    |    |                           |
| M98 | SOT143 | BFR101B    |    | FET                       |
| MA  | SC59   | M1MA151A   |    | diode                     |
| MA  | SOT143 | BF989      |    | FET                       |
| MA  | SOT23  | 2SC3011    |    | NPN                       |
| MA  | SOT23  | FMMT-A06R  |    | NPN                       |
| MA  | SOT346 | M1MA151AT  | E  | 40V 100mA sw diode        |
| MA  | SOT346 | M1MA152AT  | E  | 80V 100mA sw diode        |
| MA  | SOT363 | MBT3904DW1 | DN | dual 2N3904               |
| MB  |        | BF995      | W  | n-ch vhf dg mosfet BF961  |
| MB  |        | MBT3904DW9 |    | dual 2N3904               |
| MB  | SOT143 | BF995      |    | FET                       |
| MB  | SOT23  | 2SC3098    |    | NPN                       |
| MB  | SOT23  | FMMT-A56R  |    | PNP                       |
| MC  | SOT23  | 2SC3099    |    | NPN                       |
| MC  | SOT23  | BFS17P     |    | NPN                       |
| MC  | SOT23  | ZVN3306F   |    | MOSFET                    |
| MC  | SOT23  | ZVN3306F   | M  | n-ch mosfet 60V 150mA     |
| MCs | SOT23  | BFS17P     | N  | BFW92                     |
| MCs | SOT323 | BFS17PW    | N  | BFW92                     |
| MD  | SOT143 | BF996      |    | FET                       |
| MD  | SOT23  | 2SA1245    |    | PNP                       |

|     |         |           |    |                          |
|-----|---------|-----------|----|--------------------------|
| ME  | SOT143  | BF993     |    | FET                      |
| ME  | SOT23   | 2SC3429   |    | NPN                      |
| ME  | SOT89   | 2SC3268   |    | NPN                      |
| MF  | SOT23   | ZVN3310F  |    | MOSFET                   |
| MF  | SOT23   | ZVN3310F  | M  | n-ch mosfet 100V 100mA   |
| MG  |         | BF994S    | W  | BF964 n-ch dg vhf mosfet |
| MG  | SOT143  | BF994S    |    | FET                      |
| MH  |         | BF996S    | W  | BF966 n-ch dg vhf mosfet |
| MH  | SC59    | M1MA151K  |    | dioda                    |
| MH  | SOT143  | 2SC3609   |    | NPN                      |
| MH  | SOT143  | BF996S    |    | FET                      |
| MH  | SOT23   | 2SC3606   |    | NPN                      |
| MH  | SOT323  | M1MA141   |    | dioda                    |
| MH  | SOT323  | M1MA141KT | C  | 40V 100mA sw diode       |
| MH  | SOT346  | M1MA151KT | C  | 40V 100mA sw diode       |
| MH  | SOT89   | 2SC3607   |    | NPN                      |
| MI  | SOT323  | M1MA142KT | C  | 80V 100mA sw diode       |
| MI  | SOT346  | M1MA152KT | C  | 80V 100mA sw diode       |
| MK  | SOT143  | 2SC4315   |    | NPN                      |
| MK  | SOT143  | BF997     |    | FET                      |
| MI  | SOT143  | 2SC3745   |    | NPN                      |
| ML  | SOT23   | ZVP3306F  |    | MOSFET                   |
| ML  | SOT23   | ZVP3306F  | M  | p-ch mosfet 60V 90mA     |
| MI  | SOT323  | M1MA142   |    | dioda                    |
| MN  | SC59    | M1MA151WA |    | dioda-2x                 |
| MN  | SOT143  | 2SC4320   |    | NPN                      |
| MN  | SOT23   | 2SC4317   |    | NPN                      |
| MN  | SOT323  | M1MA141WA |    | dioda-2x                 |
| MN  | SOT323  | M1MA141WA | A  | d diode ca 40V 100mA     |
| MN  | SOT346  | M1MA151WA | A  | d diode ca 40V 100mA     |
| MN  | SOT89   | 2SC4318   |    | NPN                      |
| MO  | SOT143  | 2SC4324   |    | NPN                      |
| MO  | SOT143  | BF998     |    | FET                      |
| MO  | SOT143R | BF998R    |    | FET                      |
| MO  | SOT23   | 2SC4322   |    | NPN                      |
| MO  | SOT323  | M1MA142W  | A  | d diode ca 80V 100mA     |
| MO  | SOT323  | M1MA142WA |    | dioda-2x                 |
| MO  | SOT346  | M1MA152W  | A  | d diode ca 80V 100mA     |
| MO  | SOT89   | 2SC2873Y  |    | NPN                      |
| MO8 | SOT23   | PMBFJ308  |    | FET                      |
| MOR | SOT143R | BF998R    | UQ | n-ch vhf dg mosfet BF988 |
| MOs | SOT143  | BF998     | W  | n-ch vhf dg mosfet BF988 |
| MR  | SOT23   | ZVP3310F  |    | MOSFET                   |
| MR  | SOT23   | ZVP3310F  | M  | p-ch mosfet 100V 75mA    |
| MR  | SOT343  | BF998W    | UQ | n-ch vhf dg mosfet BF988 |
| MS  |         | CF739     | W  | dg GaAsfet 2GHz          |
| MS  | SOT143  | CF739     |    | GaAsFET                  |
| MT  | SC59    | M1MA151WK |    | dioda-2x                 |
| MT  | SOT23   | ZVP1320F  |    | MOSFET                   |
| MT  | SOT323  | M1MA141WK |    | dioda-2x                 |
| MT  | SOT323  | M1MA141WK | B  | dual diode cc 40V 100mA  |
| MT  | SOT346  | M1MA151WK | B  | dual diode cc 40V 100mA  |
| MU  | SOT23   | ZVN3320F  |    | MOSFET                   |
| MU  | SOT323  | M1MA142WK |    | dioda-2x                 |
| MU  | SOT323  | M1MA142WK | B  | dual diode cc 80V 100mA  |
| MU  | SOT346  | M1MA152WK | B  | dual diode cc 80V 100mA  |
| MV  | SOT23   | BS170F    |    | MOSFET                   |
| MX  |         | CF750     | U  | biased dg GaAsfet, 3-6V  |
| MX  | SOT143  | CF750     |    | GaAsFET                  |
| MX  | SOT23   | BS250F    |    | MOSFET                   |
| MY  |         | BF1012    | W  | n-ch dg mosfet 1GHz 12V  |
| MY  | SOT23   | VN10LF    |    | MOSFET                   |
| MY  | SOT23   | VN10LF    | M  | n-ch mosfet 60V 150mA    |
| MY  | SOT89   | 2SC2873   |    | NPN                      |
| MZ  |         | BF1005    | W  | n-ch dg mosfet 1GHz 5V   |
| MZ  | SOT23   | ZVN4106F  |    | MOSFET                   |
| MZ  | SOT23   | ZVN4106F  | M  | n-ch mosfet 60V 200mA    |
| N   |         | DAN202K   | B  | 80V 100mA dual diode     |
| N   | SOT23   | 2SC3138   |    | NPN                      |
| N   | SOT89   | 2SA1213   |    | PNP                      |
| N0  | SOT23   | TN0200T   | M  | n-ch mosfet 0.6A Id      |
| N0  | SOT323  | BFS505    |    | NPN                      |

|     |         |            |    |                            |
|-----|---------|------------|----|----------------------------|
| N05 |         | SO2484     | N  | 2N2484                     |
| N08 |         | SO930      | N  | 2N930                      |
| N1  |         | MMBT100    | N  | npn gp sw 500mA            |
| N1  | SOT23   | BFR53      |    | NPN                        |
| N1  | SOT23   | MMBF201N   | M  | n-ch tmosfet 20V 0.3A Id   |
| N1  | SOT23   | TN0201T    |    | MOSFET                     |
| N1  | SOT23   | TN0201T    | M  | n-ch mosfet 0.3A Id 0.2W   |
| N1  | SOT416  | MRF571     | N  | 8 GHz 40mA npn RF          |
| N1  | SOT89   | FCK491     |    | NPN                        |
| N10 |         | SO918      | N  | 2N918                      |
| N10 | SOT23   | S0918      |    | NPN                        |
| N10 | SOT89   | ZVN2120Z   |    | MOSFET                     |
| N11 |         | SO2369     | N  | 2N2369                     |
| N11 | SOT23   | S02369     |    | NPN                        |
| N12 |         | SO2221     | N  | 2N2221                     |
| N12 | SOT23   | S02221     |    | NPN                        |
| N13 |         | SO2222     | N  | 2N2222                     |
| N13 | SOT23   | S02222     |    | NPN                        |
| N16 | SOT89   | ZVN2106Z   |    | MOSFET                     |
| N18 |         | SO1711     | N  | 2N1711                     |
| N18 | SOT23   | S01711     |    | NPN                        |
| N2  |         | MMBC1653N2 | N  | npn 130V 50mA hfe 50-130   |
| N2  |         | MMBT200    | N  | pnnp gp sw 500mA           |
| N2  | SOT23   | MMBC1653N2 |    | NPN                        |
| N2  | SOT323  | BFS520     |    | NPN                        |
| N2  | SOT323  | BFS520     | N  | npn RF 9GHz 70mA           |
| N2  | SOT89   | FCX491A    |    | NPN                        |
| N20 |         | SO2222A    | N  | 2N2222A                    |
| N20 | SOT23   | S02222A    |    | NPN                        |
| N26 | SOT89   | ZVN4206Z   |    | MOSFET                     |
| N27 |         | SO1893     | N  | 2N1893                     |
| N27 | SOT23   | S01893     |    | NPN                        |
| N28 | SOT23   | BFR520     |    | NPN                        |
| N28 | SOT23   | BFR520     | N  | npn RF 9GHz 70mA           |
| N29 | SOT23   | BFR540     | N  | npn RF 9GHz 120mA          |
| N3  |         | MMBC1653N3 | N  | npn 130V 50mA hfe 100-220  |
| N3  | SOT23   | MGSF1N03L  | M  | n-ch TMOS mosfet 30V 0.75A |
| N3  | SOT23   | MMBC1653N3 |    | NPN                        |
| N3  | SOT89   | FCX649     |    | NPN                        |
| N30 | SOT23   | BFR505     |    | NPN                        |
| N30 | SOT23   | BFR505     | N  | npn RF 9GHz 15V 18mA       |
| N33 | SOT143  | BFG505     |    | NPN                        |
| N33 | SOT143  | BFG505     | TQ | npn RF 9GHz 15V 18mA       |
| N36 | SOT143  | BFG520     |    | NPN                        |
| N36 | SOT143  | BFG520     | X  | npn RF 9GHz 70mA           |
| N37 | SOT143  | BFG540     | X  | npn RF 9GHz 120mA          |
| N38 | SOT143  | BFG590     | TQ | npn RF 5GHz 15V 0.2A       |
| N39 |         | BFG505X    | X  | npn RF 9GHz 15V 18mA       |
| N39 | SOT143  | BFG505/X   |    | NPN                        |
| N4  |         | MMBC1653N4 | N  | npn 130V 50mA hfe 150-330  |
| N4  | SOT23   | MMBC1653N4 |    | NPN                        |
| N4  | SOT323  | BFS540     |    | NPN                        |
| N4  | SOT89   | FCX2369    |    | NPN                        |
| N42 | SOT143  | BFG520/X   |    | NPN                        |
| N44 |         | BFG590X    | X  | npn RF 5GHz 15V 0.2A       |
| N45 | SOT143R | BFG505/XR  |    | NPN                        |
| N48 | SOT143R | BFG520/XR  |    | NPN                        |
| N5  |         | MMBC1654N5 | N  | npn 160V 50mA hfe 50-130   |
| N5  | SOT23   | MMBC1654N5 |    | NPN                        |
| N5  | SOT89   | FCX2369A   |    | NPN                        |
| N54 |         | SO2221A    | N  | 2N2221A                    |
| N54 | SOT23   | S02221A    |    | NPN                        |
| N58 | SOT89   | FCX458     |    | NPN                        |
| N6  |         | MMBC1653N6 | N  | npn 160V 50mA hfe 100-220  |
| N6  | SOT23   | MMBC1654N6 |    | NPN                        |
| N6  | SOT323  | BFS25A     |    | NPN                        |
| N6  | SOT323  | BFS25A     | N  | npn RF 5GHz 6.5mA 32 mW    |
| N6  | SOT89   | FCX749     |    | PNP                        |
| N7  |         | MMBC1653N7 | N  | npn 160V 50mA hfe 150-330  |
| N7  | SOT23   | MMBC1654N7 |    | NPN                        |
| N70 | SOT143  | BFG10      | TQ | npn 8V 250mA 1.8GHz pwramp |
| N71 |         | BFG10X     | X  | 8V 250mA 1.8GHz pwr amp    |

|           |        |           |    |                               |
|-----------|--------|-----------|----|-------------------------------|
| N71       |        | SO3904    | N  | 2N3904                        |
| N71       | SOT23  | S03904    |    | NPN                           |
| N72       |        | SO3903    | N  | 2N3903                        |
| N72       | SOT143 | BFG11     | TQ | 8V 400mA 1.8GHz pwr amp       |
| N72       | SOT23  | S03903    |    | NPN                           |
| N73       |        | BFG11X    | X  | 8V 400mA 1.8GHz pwr amp       |
| N79       |        | SO5550    | N  | 2N5550                        |
| N79       | SOT23  | SO5550    |    | NPN                           |
| N8        | SOT89  | FCX653    |    | NPN                           |
| N80       |        | SO5551    | N  | 2N5551                        |
| N80       | SOT23  | SO5551    |    | NPN                           |
| N81       |        | SO2369A   | N  | 2N2369A                       |
| N9        | SOT416 | DAN222    | B  | dual cc si diode              |
| N9        | SOT89  | FCX5550   |    | NPN                           |
| N91       |        | SO642     | N  | npn Vce 300V                  |
| N91       | SOT23  | S0642     |    | NPN                           |
| N94       |        | SO517     | N  | npn darlington                |
| N94       | SOT23  | S0517     |    | NPN                           |
| N95       | SOT89  | FCX495    |    | NPN                           |
| NA        |        | CFY35-20  | DM | 10GHz GaAsfet                 |
| NA        | SOT23  | BFS20     |    | NPN                           |
| NA        | SOT23  | FMMT-A05R |    | NPN                           |
| NB        |        | CFY35-23  | DM | 10GHz GaAsfet                 |
| NB        | SOT23  | BF599     |    | NPN                           |
| NB        | SOT23  | FMMT-A55R |    | PNP                           |
| NC        | SOT23  | BF840     |    | NPN                           |
| ND        | SOT23  | BF841     |    | NPN                           |
| NO        | SOT89  | 2SA1213Y  |    | PNP                           |
| NO5       | SOT23  | S02484    |    | NPN                           |
| NO8       | SOT23  | S0930     |    | NPN                           |
| NY        |        | BF1012s   | W  | n-ch dg mosfet 1GHz 12V       |
| NY        | SOT89  | 2SA1213   |    | PNP                           |
| NZ        |        | MGSF1N02L | M  | n-ch TMOS FET                 |
| O         | SOT23  | 2SA1255   |    | NPN                           |
| O (white) | SOD323 | BAT14-03W | I  | RF Schottky 4V 90mA           |
| O05       |        | SO2484R   | R  | 2N2484                        |
| O05       | SOT23  | S02484R   |    | NPN                           |
| O08       |        | SO930R    | R  | 2N930                         |
| O08       | SOT23  | S0930R    |    | NPN                           |
| O10       |        | SO918R    | R  | 2N918                         |
| O10       | SOT23  | S0918R    |    | NPN                           |
| O11       | SOT23  | S02369R   |    | NPN                           |
| O12       |        | SO2221R   | R  | 2N2221                        |
| O12       | SOT23  | S02221R   |    | NPN                           |
| O13       |        | SO2222R   | R  | 2N2222                        |
| O13       | SOT23  | S02222R   |    | NPN                           |
| O2        | SOT23  | BST82     |    | FET                           |
| O2        | SOT23  | BST82     | M  | n-ch mosfet 80V 175mA         |
| O20       |        | SO2222AR  | R  | 2N2222A                       |
| O20       | SOT23  | S02222AR  |    | NPN                           |
| O27       |        | SO1893R   | R  | 2N1893                        |
| O27       | SOT23  | S01893R   |    | NPN                           |
| O54       |        | SO2221AR  | R  | 2N2221A                       |
| O54       | SOT23  | S02221AR  |    | NPN                           |
| O71       | SOT23  | S03904R   |    | NPN                           |
| O72       | SOT23  | S03903R   |    | NPN                           |
| O79       |        | SO5550R   | R  | 2N5550                        |
| O79       | SOT23  | S05550R   |    | NPN                           |
| O80       |        | SO5551R   | R  | 2N5551                        |
| O80       | SOT23  | S05551R   |    | NPN                           |
| O91       |        | SO642R    | R  | npn Vce 300V                  |
| O91       | SOT23  | SO642     |    | NPN                           |
| OB        | SOT23  | BCW67B    |    | PNP                           |
| P         |        | DAP202K   | A  | 80V 100mA dual                |
| P         | SOT23  | 2SC3295   |    | NPN                           |
| P         | SOT89  | 2SC2884   |    | NPN                           |
| P         | URD    | KV1841E   | I  | uhf varicap 7-15pF            |
| P (white) | SOD323 | BAT15-03W | I  | RF Schottky 4V 100mA          |
| P0        | SOT173 | BFP90A    | CX | BFG90A                        |
| P0        | SOT23  | HSMS-2850 | C  | zero-bias schottky diodeW det |
| P0        | SOT23  | TP0101T   | M  | p-ch mosfet 0.5A 12V          |
| P0        | SOT323 | HSMS-285B | C  | zero-bias schottky diodeW det |

|     |        |            |    |                       |
|-----|--------|------------|----|-----------------------|
| P01 |        | SO2906     | N  | 2N2906                |
| P01 | SOT23  | FMMJ201    |    | FET                   |
| p01 | SOT23  | PDTA143ET  | N  | npn 4k7+4k7 bias res  |
| P01 | SOT23  | SST201     | F  | J201 n-ch fet         |
| P02 | SOT23  | FMMJ202    |    | FET                   |
| p02 | SOT23  | PDTC143ET  | N  | npn 4k7+4k7 bias res  |
| P02 | SOT23  | SST202     | F  | J202 n-ch fet         |
| P03 |        | SO2907A    | N  | 2N2907A               |
| P03 | SOT23  | FMMJ203    |    | FET                   |
| P03 | SOT23  | SST203     | F  | J203 n-ch fet         |
| P04 | SOT23  | FMMJ204    |    | FET                   |
| P04 | SOT23  | SST204     | F  | J204 n-ch fet         |
| P05 |        | SO2907     | N  | 2N2907                |
| P06 |        | SO2894     | N  | 2N2894                |
| P1  | SOT173 | BFP91A     | CX | BFG91A                |
| P1  | SOT23  | BFR92      |    | NPN                   |
| P1  | SOT23  | BFR92      | N  | BFR90                 |
| P1  | SOT23  | SST201     |    | JFET                  |
| P1  | SOT23  | SST201     | F  | J201 n-ch jfet        |
| P1  | SOT89  | FCX591     |    | PNP                   |
| p11 | SOT23  | PDTA114TT  | N  | npn + res             |
| P12 |        | SO2906A    | N  | 2N2906A               |
| p12 | SOT23  | PDTC114TT  | N  | npn + res             |
| P12 | SOT23  | S02906A    |    | PNP                   |
| p16 | SOT23  | PDTC114ET  | N  | npn + res             |
| P16 | SOT89  | ZVP2106Z   |    | MOSFET                |
| p17 | SOT23  | PDTC124ET  | N  | npn + res             |
| p18 | SOT23  | PDTC143ZT  | N  | npn 4k7+47k bias res  |
| P18 | SOT23  | S0679      |    | PNP                   |
| p19 | SOT23  | PDTA143ZT  | N  | npn 4k7+47k bias res  |
| p1A | SOT23  | PMMT3904   | N  | 2N3904                |
| P1A | SOT323 | PMST3904   |    | NPN                   |
| p1A | SOT89  | PXT3904    | N  | 2N3904                |
| p1B | SOT23  | PMBT2222   | N  | 2N2222                |
| P1D |        | PZTA42     | P  | MPSA42 10mA 300V npn  |
| P1D |        | PZTA42     | P  | MPSA42 300V npn       |
| P1D | SOT223 | PZTA42T1   |    | NPN                   |
| P1D | SOT23  | PMBTA42    |    | NPN                   |
| p1D | SOT23  | PMBTA42    | N  | MPSA42 300V npn       |
| p1D | SOT89  | PXTA42     | N  | MPSA42 300V npn       |
| P1E | SOT23  | PMBTA43    |    | NPN                   |
| P1F |        | PZT2222A   | P  | 2N2222A sw npn        |
| P1F | SOT223 | PZT2222AT1 |    | NPN                   |
| p1F | SOT23  | PMBT5550   | N  | 2N5550 140V npn       |
| P1G | SOT23  | PMBTA06    |    | NPN                   |
| p1G | SOT23  | PMMTA06    | N  | MPSA06                |
| P1H | SOT23  | PMBTA05    |    | NPN                   |
| p1J | SOT23  | PMBT2369   | N  | 2N2369                |
| p1K | SOT23  | PMBT6428   | N  | MPSA18 50V            |
| p1L | SOT23  | PMBT6429   | N  | MPSA18 45V            |
| p1M | SOT23  | PMBTA13    | N  | MPSA13 darlington     |
| p1M | SOT89  | PXTA13     | N  | MPSA13 darlington     |
| P1N |        | PZTA14     | P  | MPSA14 darlington     |
| P1N |        | PZTA14     | P  | npn darlington MPSA14 |
| P1N | SOT223 | PZTA14T1   |    | NPN                   |
| p1N | SOT23  | PMBTA14    | N  | MPSA14 darlington     |
| p1N | SOT89  | PXTA14     | N  | MPSA14 darlington     |
| p1P | SOT23  | PMBT2222A  | N  | 2N2222A               |
| p1P | SOT89  | PXT2222A   | N  | 2N2222A               |
| p1Q | SOT23  | PMBT5088   | N  | MPSA18 Vce 30V        |
| P1Q | SOT323 | PMST5088   |    | NPN                   |
| P1R | SOT323 | PMST5089   |    | NPN                   |
| P2  | SOT23  | BFR92A     |    | NPN                   |
| P2  | SOT23  | BFR92A     | N  | BFR90A                |
| P2  | SOT23  | HSMSM-2852 | D  | dual series HSMS-285B |
| P2  | SOT23  | SST202     |    | JFET                  |
| P2  | SOT323 | BFR92AW    |    | NPN                   |
| P2  | SOT323 | HSMSM-285C | D  | dual series HSMS-285B |
| P2  | SOT89  | FCX591A    |    | PNP                   |
| P25 |        | SO3906     | N  | 2N3906                |
| P25 | SOT23  | SO3906     |    | PNP                   |
| P26 |        | SO3905     | N  | 2N3905                |



|     |        |            |    |                              |
|-----|--------|------------|----|------------------------------|
| P26 | SOT23  | S03905     |    | PNP                          |
| p2A | SOT23  | PMBT3906   | N  | >2N3906                      |
| P2A | SOT323 | PMST3906   |    | PNP                          |
| p2A | SOT89  | PXT3906    | O  | 2N3906                       |
| p2B | SOT23  | PMBT2907   | N  | 2N2907                       |
| P2D |        | PZTA92     | P  | MPSA92 300V pnp              |
| P2D | SOT223 | PZTA92T1   |    | PNP                          |
| P2D | SOT23  | PMBTA92    |    | PNP                          |
| p2D | SOT23  | PMBTA92    | N  | MPSA92 pnp Vce 300V          |
| p2D | SOT89  | PXTA92     | O  | MPSA92 pnp Vce 300V          |
| P2E | SOT23  | PMBTA93    |    | PNP                          |
| P2F |        | PZT2907A   | P  | 2N2907A sw pnp               |
| P2F | SOT223 | PZT2907AT1 |    | PNP                          |
| p2F | SOT23  | PMBT2907A  | N  | 2N2907A                      |
| p2F | SOT89  | PXT2907A   | O  | 2N2907A                      |
| P2G | SOT23  | PMBTA55    |    | PNP                          |
| p2G | SOT23  | PMBTA56    | N  | MPSA56                       |
| P2H | SOT23  | PMBTA56    |    | PNP                          |
| p2L | SOT23  | PMBT5401   | N  | 2N5401 pnp 150V              |
| P2p | SOT323 | BFR92AW    | N  | BFR90A                       |
| p2T | SOT23  | PMBT4403   | N  | 2N4403                       |
| P2T | SOT323 | PMST4403   |    | PNP                          |
| p2T | SOT89  | PXT4403    | O  | 2N4403                       |
| P2V |        | PZTA64     | P  | MPSA64 darlington            |
| P2V | SOT223 | PZTA64T1   |    | PNP                          |
| p2V | SOT89  | PXTA64     | O  | MPSA64 darlington            |
| p2X | SOT23  | PMBT4401   | N  | 2N4401                       |
| P2X | SOT323 | PMST4401   |    | NPN                          |
| p2X | SOT89  | PxT4401    | O  | 2N4401                       |
| P3  |        | TP0202T    | M  | p-ch mosfet 0.3A 20V         |
| P3  | SOT23  | MMBF2202P  | M  | p-ch TMOSfet 0.3A 20V        |
| P3  | SOT23  | TP0202T    |    | MOSFET                       |
| P32 |        | SO5400     | N  | 2N5400                       |
| P32 | SOT23  | S05400     |    | PNP                          |
| P33 |        | SO5401     | N  | 2N5401                       |
| P33 | SOT23  | S05401     |    | PNP                          |
| P38 | SOT23  | SST4338    | F  | 2N4338                       |
| P39 |        | SO692      |    | pnp Vce 300V                 |
| P39 |        | SST4339    | F  | 2N4339                       |
| P39 | SOT23  | S0692      |    | PNP                          |
| P4  | SOT23  | BFR92R     |    | NPN                          |
| P4  | SOT23  | SST204     |    | JFET                         |
| P4  | SOT23R | BFR92R     | R  | BFR90                        |
| P40 | SOT23  | SST4340    | F  | 2N4340                       |
| P41 | SOT23  | SST4341    | F  | 2N4341                       |
| P5  |        | FMMT2369A  | N  | 2N2369A                      |
| P5  | SOT143 | HSMSM-2855 | S  | separate pair HSMS-2850      |
| P5  | SOT23  | BFR92AR    |    | NPN                          |
| P5  | SOT23  | FMMT2369A  |    | NPN                          |
| P5  | SOT23R | BFR92AR    | R  | BFR90A                       |
| P57 | SOT23  | SST5457    | F  | 2N5457                       |
| P58 | SOT23  | SST5458    | F  | 2N5458                       |
| P58 | SOT89  | FCX558     |    | PNP                          |
| P59 | SOT23  | SST5459    | F  | 2N5459                       |
| P6  | SOT173 | BFP96      | CX | BFG96                        |
| P60 | SOT23  | SST5460    | F  | 2N5460                       |
| P61 | SOT23  | SST5461    | F  | 2N5461                       |
| P62 | SOT23  | SST5462    | F  | 2N5462                       |
| P63 | SOT23  | SST5463    | F  | 2N5463                       |
| P64 | SOT23  | SST5464    | F  | 2N5464                       |
| P65 | SOT23  | SST5465    | F  | 2N5465                       |
| P6A | SOT23  | PMBF4416   |    | FET                          |
| P8  | SOT143 | BFG92A     |    | NPN                          |
| P8  | SOT89  | FCX753     |    | PNP                          |
| P89 | SOT89  | FCX589     |    | PNP                          |
| P8A | SOT23  | FLLD258    | B  | low leakage dual ca Si diode |
| P9  | SOT23  | BCX70KR    |    | NPN                          |
| P9  | SOT23R | BCX70KR    | R  | BCY59-x                      |
| P9  | SOT416 | DAP222     | A  | dual ca sw diode             |
| P9  | SOT89  | FCX5401    |    | PNP                          |
| P96 | SOT89  | FCX596     |    | PNP                          |
| PA  | SOT23  | BA885      |    | dioda                        |

|            |        |            |    |                                |
|------------|--------|------------|----|--------------------------------|
| PC         | SOT23  | BA886      |    | dioda                          |
| PC         | SOT23  | MGSF1P02L  | M  | p ch enh tmosfet               |
| PD         | SOT23  | BSS84L     | M  | p-ch enh tmosfet               |
| pG3        | SOT323 | PMST5551   | N  | 2N5551                         |
| PH2        | SOT23  | SST4302    | F  | 2N4302                         |
| PH3        | SOT23  | SST4303    | F  | 2N4303                         |
| PH4        | SOT23  | SST4304    | F  | 2N4304                         |
| pJ1        | SOT23  | BSH101     | M  | n-ch 60V 0.7A mosfet           |
| pJ2        | SOT23  | BSH102     | M  | n-ch 30V 1A mosfet             |
| pJ3        | SOT23  | BSH103     | M  | n-ch 30V 0.8A mosfet           |
| PL         | SOD323 | BB149A     | I  | 2-18pF varicap                 |
| PO1        | SOT23  | S02906     |    | PNP                            |
| PO3        | SOT23  | S02907A    |    | PNP                            |
| PO4        | SOT323 | PMSS3904   |    | NPN                            |
| PO5        | SOT23  | S02907     |    | PNP                            |
| PO6        | SOT23  | S02894     |    | PNP                            |
| PO6        | SOT323 | PMSS3906   |    | PNP                            |
| POs        | SOT23  | BAR64      | C  | single 200V RF pin             |
| PPs        | SOT23  | BAR64-04   | D  | dual series 200V RF pin        |
| PPs        | SOT323 | BAR64-04W  | D  | dual series 200V RF pin        |
| PRs        | SOT23  | BAR64-05   | B  | dual cc 200V RF pin            |
| PRs        | SOT323 | BAR64-05W  | B  | dual cc 200V RF pin            |
| PSs        | SOT23  | BAR64-06   | A  | dual ca 200V RF pin            |
| PSs        | SOT323 | BAR64-06W  | A  | dual ca 200V RF pin            |
| Q          | SOT23  | 2SC2714    |    | NPN                            |
| Q2         | SOT23  | MMBC1321Q2 |    | NPN                            |
| Q3         |        | MMBC1321Q3 | N  | npn VHF amp fT 0.6GHz          |
| Q3         | SOT23  | MMBC1321Q3 |    | NPN                            |
| Q4         |        | MMBC1321Q4 | N  | npn VHF amp fT 0.6GHz          |
| Q4         | SOT23  | MMBC1321Q4 |    | NPN                            |
| Q5         |        | MMBC1321Q5 | N  | npn VHF amp fT 0.6GHz          |
| Q5         | SOT23  | MMBC1321Q5 |    | NPN                            |
| QQ         |        | 2SC4536    | P  | npn RF fT 5.7GHz 2W hFE40-80   |
| QR         |        | 2SC4536    | P  | npn RF fT 5.7GHz 2W hFE60-120  |
| QS         |        | 2SC4536    | P  | npn RF fT 5.7GHz 2W hFE100-200 |
| R          | SCD80  | BA895      | I  |                                |
| R          | SOD123 | BA585      | I  | pin diode 50mA max             |
| R          | SOT23  | 2SC2715    |    | NPN                            |
| R          | SOT89  | 2SA1204    |    | PNP                            |
| R (white)  | SOD323 | BA595      | I  | UHF pin diode 50mA max         |
| R (yellow) | SOD323 | BA597      | I  | UHF pin diode 100mA max        |
| R1         | SOT23  | BFR93      |    | NPN                            |
| R1         | SOT23  | BFR93      | N  | BFR91                          |
| R1         | SOT23  | HSMS-8101  | K  | 10-14GHz schottky mixer        |
| R1         | SOT23  | TN2010T    |    | MOSFET                         |
| R13        |        | 2SC4885    | WQ | npn RF fT 3.5GHz               |
| R2         |        | 2SC2351P   | N  | pnp RF fT 4.5 GHz hfe 40-120   |
| R2         |        | 2SC4225    | N  | npn RF fT 4GHz hfe 40-120      |
| R2         | SOT23  | BFR93A     |    | NPN                            |
| R2         | SOT23  | BFR93A     | N  | BFR91A                         |
| R2         | SOT323 | BFR93A     |    | NPN                            |
| R22        |        | 2SC3356    | N  | npn RF fT 7GHz 20V 0.2W        |
| R23        |        | 2SC3356Q   | N  | npn RF fT 7GHz hfe 50-100      |
| R23        |        | 2SC4336    | N  | npn RF fT 4.5 GHz hfe 40-80    |
| R24        |        | 2SC3356R   | N  | npn RF fT 7GHz hfe 80-160      |
| R24        |        | 2SC4336    | N  | npn RF fT 4.5 GHz hfe 70-140   |
| R25        |        | 2SC3356S   | N  | npn RF fT 7GHz hfe 125-250     |
| R25        |        | 2SC4336    | N  | npn RF fT 4.5 GHz hfe 125-250  |
| R26        |        | 2SC4093    | WQ | npn RF fT 6.5 GHz hfe 50-100   |
| R26        |        | 2SC5011    | WQ | As 2SC4093 but mini-moldpkg    |
| R27        |        | 2SC4093    | WQ | npn RF fT 6.5 GHz hfe 80-160   |
| R27        |        | 2SC5011    | WQ | As 2SC4093 but mini-moldpkg    |
| R28        |        | 2SC4093    | WQ | npn RF fT 6.5 GHz hfe 125-250  |
| R28        |        | 2SC5011    | WQ | As 2SC4093 but mini-moldpkg    |
| R3         |        | 2SC2351Q   | N  | pnp RF fT 4.5 GHz hfe 100-200  |
| R3         |        | 2SC4225    | N  | npn RF fT 4GHz hfe 100-200     |
| R32        |        | 2SC3583    | N  | npn RF fT 9GHz @ 20mA          |
| R33        |        | 2SC3583Q   | N  | npn RF fT 9GHz hfe 50-100      |
| R33        |        | 2SC4227    | NN | npn RF fT 7 GHz hfe 40-90      |
| R34        |        | 2SC3583R   | N  | npn RF fT 9GHz hfe 80-160      |
| R34        |        | 2SC4227    | NN | npn RF fT 7 GHz hfe 70-150     |
| R35        |        | 2SC3583S   | N  | npn RF fT 9GHz hfe 125-250     |

|     |        |           |    |                              |
|-----|--------|-----------|----|------------------------------|
| R35 |        | 2SC4227   | NN | npn RF fT 7 GHz hfe 110-240  |
| R36 |        | 2SC4094   | WQ | npn RF fT 9GHz hfe 50-100    |
| R36 |        | 2SC5012   | WQ | 2SC4094 but min-mold pkg     |
| R37 |        | 2SC4094   | WQ | npn RF fT 9GHz hfe 80-160    |
| R37 |        | 2SC5012   | WQ | 2SC4094 but min-mold pkg     |
| R38 |        | 2SC4094   | WQ | npn RF fT 9GHz hfe 125-250   |
| R38 |        | 2SC5012   | WQ | 2SC4094 but min-mold pkg     |
| R4  |        | 2SC4092   | WQ | npn RF fT 6GHz hfe 40-120    |
| R4  |        | BFR93R    | R  | BFR91                        |
| R4  | SOT23  | BFR93R    |    | NPN                          |
| R42 |        | 2SC3585   | N  | npn RF fT 10GHz @ 10mA       |
| R43 |        | 2SC3585Q  | N  | npn RF fT 10GHz hfe 50-100   |
| R43 |        | 2SC4228   | N  | npn RF fT 8.5GHz hfe 50-100  |
| R44 |        | 2SC3585R  | N  | npn RFfT 10GHz hfe 80-160    |
| R44 |        | 2SC4228   | N  | npn RF fT 8.5GHz hfe 80-160  |
| R45 |        | 2SC3585S  | N  | npn RF fT 10GHz hfe 125-250  |
| R45 |        | 2SC4228   | N  | npn RF fT 8.5GHz hfe 125-250 |
| R46 |        | 2SC5013   | WQ | npn fT10GHz mini-mold pkg    |
| R47 |        | 2SC5013   | WQ | npn fT10GHz mini-mold pkg    |
| R48 |        | 2SC5013   | WQ | npn fT10GHz mini-mold pkg    |
| R5  |        | 2SC4092   | WQ | npn RF fT 6GHz hfe 100-200   |
| R5  | SOT143 | HSMS-8205 | S  | separate pair HSMS-8101      |
| R5  | SOT23  | BFR93AR   |    | NPN                          |
| R5  | SOT23R | BFR93AR   | R  | BFR91A                       |
| R62 |        | 2SC3663   | N  | npn RF fT 4GHz @1mA          |
| R64 |        | 2SC4091   | WQ | npn RF fT 4GHz @1mA          |
| R66 |        | 2SC4091Q  | WQ | npn RF fT 4GHz hfe 50-100    |
| R66 |        | 2SC4091R  | WQ | npn RF fT 4GHz hfe 80-160    |
| R66 |        | 2SC4091S  | WQ | npn RF fT 4GHz hfe 125-250   |
| R6A |        | 2SC4187   | NN | npn RF fT 4GHz hfe 50-100    |
| R6B |        | 2SC4187   | NN | npn RF fT 4GHz hfe 80-160    |
| R6C |        | 2SC4187   | NN | npn RF fT 4GHz hfe 125-250   |
| R7  | SOT145 | HSMS-8207 | RQ | HSMS-8101 ring quad mixer    |
| R7  | SOT23  | BFR106    |    | NPN                          |
| R7  | SOT23  | BFR106    | N  | BFR96S                       |
| R8  | SOT143 | BFG93A    |    | NPN                          |
| R8  | SOT143 | BFG93A    | TQ | BFG90                        |
| RA  | SOT143 | BF772     |    | NPN                          |
| RA  | SOT23  | 2SC3718   |    | NPN                          |
| RA  | SOT23  | BFQ81     |    | NPN                          |
| RA  | SOT23  | BFQ81     | N  | BFQ69 npn fT 5.8GHz          |
| RAs | SOT143 | BF772     | X  | npn RF TV tuners             |
| RB  |        | MSC1621   | H  | npn sw 20V 200MHz            |
| RB  | SC59   | MSC1621T1 |    | NPN                          |
| RB  | SOT23  | 2SK711    |    | JFET                         |
| RB  | SOT23  | BF771     |    | NPN                          |
| RBs | SOT23  | BF771     | N  | npn RF fT 8GHz               |
| RBs | SOT323 | BF771W    | N  | npn RF fT 8GHz               |
| RC  | SOT143 | BFP193    |    | NPN                          |
| RC  | SOT23  | BFP193    |    | NPN                          |
| RC  | SOT89  | BFQ193    |    | NPN                          |
| RCs | SC75   | BFR193T   | N  | BFQ82 npn fT 8GHz            |
| RCs | SOT143 | BFP193    | X  | BFQ82 npn fT 8GHz            |
| RCs | SOT23  | BFR193    | N  | BFQ82 npn fT 8GHz            |
| RCs | SOT343 | BFP193W   | WQ | BFQ82 npn fT 8GHz            |
| RD  | SOT143 | BFP180    |    | NPN                          |
| RD  | SOT23  | BFR180    |    | NPN                          |
| RDs | SOT143 | BFP180    | X  | npn RF 8V 4mA fT 7GHz        |
| RDs | SOT23  | BFR180    | N  | npn RF 8V 4mA fT 7GHz        |
| RDs | SOT323 | BFR180W   | N  | npn RF 8V 4mA fT 7GHz        |
| RDs | SOT343 | BFP180W   | WQ | npn RF 8V 4mA fT 7GHz        |
| RE  |        | 2SC3357   | N  | npn RF 1.2W fT 6.5GHz        |
| RE  | SOT143 | BFP280    |    | NPN                          |
| RE  | SOT23  | BFR280    |    | NPN                          |
| REs | SOT143 | BFP280    | X  | npn RF 8V 8mA fT 7.5GHz      |
| REs | SOT23  | BFR280    | N  | npn RF 8V 8mA fT 7.5GHz      |
| REs | SOT323 | BFR280W   | N  | npn RF 8V 8mA fT 7.5GHz      |
| REs | SOT343 | BFP280W   | WQ | npn RF 8V 8mA fT 7.5GHz      |
| REs | SOT363 | BFS480    | DJ | dual RF npn fT 7GHz          |
| RF  |        | 2SC3357   | N  | npn RF 1.2W fT 6.5GHz        |
| RF  | SOT143 | BFP181    |    | NPN                          |
| RF  | SOT23  | BFR181    |    | NPN                          |

|            |        |           |    |                            |
|------------|--------|-----------|----|----------------------------|
| RFs        | SOT143 | BFP181    | X  | npn RF 12V 20mA fT 8GHz    |
| RFs        | SOT23  | BFR181    | N  | npn RF 12V 20mA fT 8GHz    |
| RFs        | SOT343 | BFP181W   | WQ | npn RF 12V 20mA fT 8GHz    |
| RFs        | SOT363 | BFS481    | DJ | Dual BFR181                |
| RG         | SOT143 | BFP182    |    | NPN                        |
| RG         | SOT23  | BFR182    |    | NPN                        |
| RGs        | SC75   | BFR182T   | N  | npn RF12V 35mA fT 8GHz     |
| RGs        | SOT143 | BFP182    | X  | npn RF12V 35mA fT 8GHz     |
| RGs        | SOT23  | BFR182    | N  | npn RF12V 35mA fT 8GHz     |
| RGs        | SOT323 | BFR182W   | N  | npn RF12V 35mA fT 8GHz     |
| RGs        | SOT343 | BFP182W   | WQ | npn RF12V 35mA fT 8GHz     |
| RGs        | SOT363 | BFS482    | DJ | Dual BFR182                |
| RH         |        | 2SC3357   | N  | npn RF 1.2W fT 6.5GHz      |
| RH         | SOT143 | BFP183    |    | NPN                        |
| RH         | SOT23  | BFR183    |    | NPN                        |
| RHs        | SC75   | BFR183T   | N  | npn RF 12V 65mA fT8GHz     |
| RHs        | SOT143 | BFP183    | X  | npn RF 12V 65mA fT 8GHz    |
| RHs        | SOT23  | BFR183    | N  | npn RF 12V 65mA fT 8GHz    |
| RHs        | SOT323 | BFR183W   | N  | npn RF 12V 65mA fT 8GHz    |
| RHs        | SOT343 | BFP183W   | WQ | npn RF 12V 65mA fT 8GHz    |
| RHs        | SOT363 | BFS483    | DJ | Dual BFR183 npn RF         |
| RIs        | SOT143 | BFP196    | X  | pnP RF 12V 100mA Ft 7.5GHz |
| RK         |        | 2SC3357   | N  | npn RF 1.2W fT 6.5GHz      |
| RK         | SOT143 | BFP194    |    | PNP                        |
| RK         | SOT23  | BFR194    |    | PNP                        |
| RKs        | SOT143 | BFP194    | X  | pnP RF 15V 100mA Ft 5GHz   |
| RKs        | SOT233 | BFR194    | N  | pnP RF 15V 100mA Ft 5GHz   |
| RI         | SOT143 | BFP196    |    | NPN                        |
| RR         | SOT23  | BFR93P    | N  | BFR91                      |
| RW         |        | BFR194    | N  | pnP RF amp 1.5GHz          |
| S          |        | BB811     | I  | 9.8pF @ 1V 30V max         |
| S          | SOD523 | BAP64-02  | I  | 3GHz pin diode             |
| S          | SOT23  | 2SA1162   |    | NPN                        |
| S          | SOT89  | 2SC2982   |    | NPN                        |
| S (blue)   | SOD323 | BA592     | I  | BA282                      |
| S (red)    | SOD323 | BB640     | I  | 70-3pF varicap             |
| S (white)  | SOD323 | BB535     | I  | 18-2pF varicap             |
| S (yellow) | SOD323 | BB639     | I  | 39-2.7pF varicap           |
| S0         | SOT23  | HSMP-3880 | C  | pin sw diode               |
| S0         | SOT23  | SST270    |    | JFET                       |
| S1         | SOT23  | BBY31     |    | VCAPdiode                  |
| S1         | SOT23  | BBY31     | C  | BB405                      |
| S1         | SOT23  | HSMP-3881 | K  | pin sw diode               |
| S1         | SOT23  | SST271    |    | JFET                       |
| S12        | SOT23  | BBY39     |    | VCAPdiode-2x               |
| S12        | SOT23  | BBY39     | B  | 2x BBY31                   |
| S13        | SOT143 | KSY13     |    | HALLEFFECT                 |
| S13        | SOT23  | BBY42     |    | YCAPdiode                  |
| S14        | SOT23  | BB901     |    | VCAPdiode                  |
| S14        | SOT23  | SST5114   | F  | 2N5114                     |
| S15        | SOT23  | SST5115   | F  | 2N5115                     |
| S16        | SOT23  | SST5116   | F  | 2N5116                     |
| S2         |        | BFQ31     | N  | npn vhf 15V 0.1A           |
| S2         | SOT23  | BBY40     |    | VCAPdiode                  |
| S2         | SOT23  | BBY40     | C  | BB809                      |
| S2         | SOT23  | BFQ31     |    | NPN                        |
| S2         | SOT23  | MMBA813S2 |    | PNP                        |
| S3         |        | BFQ31R    | R  | npn vhf 15V 0.1A           |
| S3         | SOT23  | BBY51     | B  | dual cc varicap            |
| S3         | SOT23  | BFQ31R    |    | NPN                        |
| S3         | SOT23  | MMBA813S3 |    | PNP                        |
| S4         |        | BFQ31A    | N  | npn vhf 15V 0.1A           |
| S4         | SOT143 | BBY62     |    | VCAPdiode-2x               |
| S4         | SOT23  | BFQ31A    |    | NPN                        |
| S4         | SOT23  | MMBA813S4 |    | PNP                        |
| S4         | SOT23  | SST174    |    | JFET                       |
| S5         |        | BFQ31AR   | R  | npn vhf 15V 0.1A           |
| S5         | SOT143 | BAT1      |    | 5-099diode-2x              |
| S5         | SOT143 | BAT15-099 | NQ | Dual BAT15 schottky        |
| S5         | SOT23  | BBY52     | B  | dual cc varicap            |
| S5         | SOT23  | BFQ31AR   |    | NPN                        |
| S5         | SOT23  | SST175    |    | JFET                       |

|     |        |            |    |                              |
|-----|--------|------------|----|------------------------------|
| S6  |        | BAT15-099R | DQ | Ring quad BAT15 schottky     |
| S6  |        | BF510      | G  | BF410A                       |
| S6  | SOT143 | BAT15-099R |    | diodax4                      |
| S6  | SOT23  | BF510      |    | FET                          |
| S6  | SOT23  | SST176     |    | JFET                         |
| S7  |        | BF511      | G  | BF410B                       |
| S7  | SOT143 | BAT114-099 | NQ | Dual schottky                |
| S7  | SOT23  | BF511      |    | FET                          |
| S7  | SOT23  | SST177     |    | JFET                         |
| S7  | SOT23  | SST177     | F  | J177 p-ch analogsw jfet      |
| S70 | SOT23  | SST270     | F  | J270 p-ch jfet               |
| S71 | SOT23  | SST271     | F  | J271 p-ch jfet               |
| S74 | SOT23  | FMMJ174    |    | FET                          |
| S74 | SOT23  | SST174     | F  | J174 p-ch fet                |
| S75 | SOT23  | FMMJ175    |    | FET                          |
| S75 | SOT23  | SST175     | F  | J175 p-ch fet                |
| S76 | SOT23  | FMMJ176    |    | FET                          |
| S76 | SOT23  | SST176     | F  | J176 p-ch fet                |
| S77 | SOT23  | FMMJ177    |    | FET                          |
| S77 | SOT23  | SST177     | F  | J177 p-ch fet                |
| S7s | SOT23  | BBY53-05   | B  | dual cc varicap              |
| S7s | SOT323 | BBY53-05W  | B  | dual cc varicap              |
| S8  |        | BF512      | G  | BF410C                       |
| S8  | SOT143 | BAT14-099  | NQ | Dual schottky                |
| S8  | SOT143 | BAT14-099R |    | diodax4                      |
| S8  | SOT23  | BF512      |    | FET                          |
| S9  |        | BAT14-099R | DQ | Quad crossover ring schottky |
| S9  |        | BF513      | G  | BF410D                       |
| S9  | SOT143 | BAT14-099  |    | dioda-2x                     |
| S9  | SOT23  | BF513      |    | FET                          |
| SA  | SOT23  | BSS123     |    | MOSFET                       |
| SA  | SOT23  | BSS123     | M  | n-ch mosfet 100V 0.17A       |
| SAA | SOT23  | BSS123A    |    | MOSFET                       |
| SD  | SOT23  | BSS284     | M  | p-ch mosfet 50V 0.13A        |
| SE  |        | 2SC4703    | P  | nnp RF 1.8W fT 6GHz          |
| SF  |        | 2SC4703    | P  | nnp RF 1.8W fT 6GHz          |
| SF  | SOT23  | BB804      |    | VCAPdioda                    |
| SF  | SOT23  | SP0610T    |    | MOSFET                       |
| SFs | SOT23  | BB804      | A  | dual 45-26pF cc VHF varicap  |
| SG  | SOT23  | SN7002     |    | MOSFET                       |
| SH  |        | 2SC4703    | P  | nnp RF 1.8W fT 6GHz          |
| SH  | SOT23  | BB814      |    | VCAPdioda-2x                 |
| SH  | SOT23  | BSS119     |    | MOSFET                       |
| SH2 | SOT23  | BB814      | A  | dual 45-20pF cc varicap      |
| SLR | SOT23  | BC858RC    |    | PNP                          |
| SM  | SOT23  | BB914      | B  | dual varicap for FM radio    |
| SP  | SOT23  | BSS84      |    | MOSFET                       |
| SP  | SOT23  | BSS84      | M  | p-ch mosfet 50V 0.13A        |
| SR  | SOT23  | BSS131     |    | MOSFET                       |
| SR  | SOT23  | BSS131     | M  | n-ch mosfet 240V 0.1A        |
| SS  | SOT23  | BSS138     |    | MOSFET                       |
| SS  | SOT23  | BSS138     | M  | n-ch mosfet 50V 0.22A        |
| sSG | SOT23  | SN7002     | M  | n-ch mosfet 60V 0.19A        |
| ST  | SOT23  | BSS139     |    | MOSFET                       |
| ST  | SOT23  | BSS139     | M  | n-ch dep mosfet 250V 0.04A   |
| T   | SCD80  | BAR67-02W  | I  |                              |
| T   | SOD323 | BB515      | I  | varicap 17.7pf @ 1V 30Vmax   |
| T   | SOT23  | 2SK302     |    | MOSFET                       |
| T   | SOT89  | 2SA1314    |    | PNP                          |
| T0  |        | TP0601T    | M  | p-ch mosfet 60V 0.12A        |
| T0  | SOT23  | HSMS-2860  | C  | zero bias schottky diode     |
| T0  | SOT23  | TP0610T    |    | MOSFET                       |
| T0  | SOT323 | HSMS-286B  | C  | zero bias schottky diode     |
| t01 | SOT23  | PDTA143ET  | N  | pnp 4k7+4k7 bias res         |
| t02 | SOT23  | PDTC143ET  | N  | nnp 4k7+4k7 bias res         |
| t04 | SOT23  | PMBS3904   | N  | 2N3904                       |
| t06 | SOT23  | PMBS3906   | N  | 2N3906 in                    |
| T1  |        | IMT1A      | DA | 2 x 2SA1037AK pnp            |
| T1  | SOT23  | BCX17      |    | PNP                          |
| T1  | SOT23  | BCX17      | N  | BC327                        |
| T1  | SOT23  | BSS63      | N  | pnp 100V 0.1A                |
| t11 | SOT23  | PDTA114TT  | N  | pnp + res                    |

|       |        |            |    |                                |
|-------|--------|------------|----|--------------------------------|
| t12   | SOT23  | PDTC114TT  | N  | npn + res                      |
| t16   | SOT323 | PDTC114EU  | N  | npn + res                      |
| t17   | SOT323 | PDTC124EU  | N  | npn + res                      |
| t18   | SOT23  | PDTC143ZT  | N  | npn 4k7+47k bias res           |
| t19   | SOT23  | PDTA143ZT  | N  | npn 4k7+47k bias res           |
| t1A   | SOT23  | PMMT3904   | N  | 2N3904                         |
| t1A   | SOT323 | PMST3904   | N  | 2N3904                         |
| t1B   | SOT23  | PMBT2222   | N  | 2N2222                         |
| t1B   | SOT233 | PMST2222   | N  | 2N2222                         |
| t1D   | SOT23  | PMBTA42    | N  | MPSA42 300V npn                |
| t1D   | SOT323 | PMSTA42    | N  | MPSA42 300V npn                |
| t1E   | SOT23  | PMBTA43    | N  | MPSA43 200V npn                |
| t1E   | SOT323 | PMSTA43    | N  | MPSA43 200V npn                |
| t1F   | SOT23  | PMBT5550   | N  | 2N5550 140V npn                |
| t1F   | SOT323 | PMST5550   | N  | 2N5550 140V npn                |
| t1G   | SOT23  | PMMTA06    | N  | MPSA06                         |
| t1G   | SOT323 | PMMTA06    | N  | MPSA06                         |
| t1H   | SOT323 | MMBTA05    | N  | MPSA05                         |
| t1J   | SOT23  | PMBT2369   | N  | 2N2369                         |
| t1J   | SOT323 | PMBT2369   | N  | 2N2369                         |
| t1K   | SOT23  | PMBT6428   | N  | MPSA18 50V                     |
| t1K   | SOT323 | PMBT6428   | N  | MPSA18 50V                     |
| t1L   | SOT23  | PMBT6429   | N  | MPSA18 45V                     |
| t1L   | SOT323 | PMBT6429   | N  | MPSA18 45V                     |
| t1M   | SOT23  | PMBTA13    | N  | MPSA13 darlington              |
| t1N   | SOT23  | PMBTA14    | N  | MPSA14 darlington              |
| T1N10 | SOT223 | MMFT1N10T1 |    | MOSFET                         |
| T1p   | SOT23  | BCX17      | N  | BC327                          |
| t1P   | SOT23  | PMBT2222A  | N  | 2N2222A                        |
| t1P   | SOT323 | PMST2222A  | N  | 2N2222A                        |
| t1Q   | SOT23  | PMBT5088   | N  | MPSA18 Vce 30V                 |
| t1Q   | SOT323 | PMST5088   | N  | MPSA18 Vce 30V                 |
| t1R   | SOT323 | PMST5089   | N  | MPSA18 Vce 25V                 |
| T1t   | SOT23  | BCX17      | N  | BC327                          |
| T2    |        | IMT2A      | DB | 2 x 2SA1037AK pnp              |
| T2    | SOT23  | BCX18      |    | PNP                            |
| T2    | SOT23  | BCX18      | N  | BC328                          |
| T2    | SOT23  | HSMS-2862  | D  | dual series HSMS-286B          |
| T2    | SOT23  | TN2460T    |    | MOSFET                         |
| T2    | SOT323 | HSMS-286C  | D  | dual series HSMS-286B          |
| t23   | SOT323 | PDTA114TU  | N  | npn +10k Wypr. res             |
| t24   | SOT323 | PDTC114TU  | N  | npn +10k res                   |
| T2406 | SOT223 | MMFT2406T1 |    | MOSFET                         |
| t2A   | SOT23  | PMBT3906   | N  | 2N3906                         |
| t2A   | SOT323 | PMST3906   | N  | 2N3906                         |
| t2B   | SOT23  | PMBT2907   | N  | 2N2907                         |
| t2D   | SOT23  | PMBTA92    | N  | MPSA92 pnp Vce 300V            |
| t2D   | SOT323 | PMSTA92    | N  | MPSA92 pnp Vce 300V            |
| t2E   | SOT23  | PMBTA93    | N  | MPSA93 pnp Vce 200V            |
| t2E   | SOT323 | PMSTA93    | N  | MPSA93 pnp Vce 200V            |
| t2F   | SOT23  | PMBT2907A  | N  | 2N2907A                        |
| t2F   | SOT323 | PMBT2907A  | N  | 2N2907A                        |
| t2G   | SOT23  | PMBTA56    | N  | MPSA56                         |
| t2G   | SOT323 | PMSTA56    | N  | MPSA56                         |
| t2H   | SOT23  | PMBTA55    | N  | MPSA55                         |
| t2H   | SOT323 | PMSTA55    | N  | MPSA55                         |
| t2L   | SOT23  | PMBT5401   | N  | 2N5401 pnp 150V                |
| t2L   | SOT323 | PMST5401   | N  | 2N5401 pnp 150V                |
| T2p   | SOT23  | BCX18      | N  | BC328                          |
| T2t   | SOT23  | BCX18      | N  | BC328                          |
| t2T   | SOT23  | PMBT4403   | N  | 2N4403                         |
| t2T   | SOT323 | PMST4403   | N  | 2N4403                         |
| t2U   | SOT23  | PMBTA63    | N  | MPSA63 darlington              |
| t2V   | SOT23  | PMBTA64    | H  | MPSA64 darlington              |
| t2X   | SOT23  | PMBT4401   | N  | 2N4401                         |
| t2X   | SOT323 | PMST4401   | N  | 2N4401                         |
| T3    | SOT23  | BSS63      |    | PNP                            |
| T3    | SOT23  | BSS63      | N  | BSS68                          |
| T3    | SOT23  | HSMS-2863  | A  | ca dual HSMS-286B              |
| T3    | SOT323 | HSMS-286E  | A  | ca dual HSMS-286B              |
| T3166 | SOT223 | MMFT3166T1 |    | MOSFET                         |
| T32   |        | 2SC4182    | N  | npn RF ft 1.1GHz @3V hfe60-105 |

|       |        |            |    |                                 |
|-------|--------|------------|----|---------------------------------|
| T33   |        | 2SC4182    | N  | npn RF fT 1.1GHz @3V hfe85-150  |
| T34   |        | 2SC4182    | N  | npn RF fT 1.1GHz @3V hfe120-220 |
| T35   | SOT23  | BSR20      |    | PNP                             |
| T36   | SOT23  | BSR20A     |    | PNP                             |
| T4    | SOT23  | BCX17R     |    | PNP                             |
| T4    | SOT23  | HSMS-2864  | B  | cc dual HSMS-286B               |
| T4    | SOT23R | BCX17R     | R  | BC327                           |
| T4    | SOT323 | HSMS-286F  | B  | cc dual HSMS-286B               |
| T4    | SOT363 | MBD330DW   | DL | dual UHF schottky diode         |
| T42   |        | 2SC3545P   | N  | npn RF fT 2GHz Hfe 50-100       |
| T42   |        | 2SC4184    | N  | npn RF fT 1.8GHz hFE 40-80      |
| T43   |        | 2SC3545Q   | N  | UHF osc/mix fT 2GHz Hfe70-140   |
| T43   |        | 2SC4184    | N  | npn fT 1.8GHz hFE 60-120        |
| T44   |        | 2SC3545R   | N  | npn RF fT 2GHz Hfe 120-250      |
| T44   |        | 2SC4184    | N  | npn RF fT 1.8GHz hFE 100-200    |
| T5    | SOT143 | HSMS-2865  | S  | separate dual HSMS-286B         |
| T5    | SOT23  | BCX18R     |    | PNP                             |
| T5    | SOT23R | BCX18R     | R  | BC328                           |
| T52   | SOT23  | MMBTS102   |    | TEMP.SENSOR                     |
| T53   | SOT23  | MMBTS103   |    | TEMP.SENSOR                     |
| T55   | SOT23  | MMBTS105   |    | TEMP.SENSOR                     |
| T6    | SOT23  | BSS63R     |    | PNP                             |
| T6    | SOT23R | BSS63R     | R  | BSS68                           |
| T6661 | SOT223 | MMFT6661T1 |    | MOSFET                          |
| T7    | SOT23  | BSR15      |    | PNP                             |
| T7    | SOT23  | BSR15      | N  | 2N2907                          |
| T7    | SOT23  | SST4117    |    | JFET                            |
| T71   | SOT23  | BSR15R     |    | PNP                             |
| T71   | SOT23R | BSR15R     | R  | 2N2907                          |
| T72   |        | 2SC4568    | N  | npn RF ft 5.5GHz hFE 40-80      |
| T72   |        | 2SC4570    | N  | npn RF ft 5.5GHz hFE 40-80      |
| T73   |        | 2SC4568    | N  | npn RF ft 5.5GHz hFE 60-120     |
| T73   |        | 2SC4570    | N  | npn RF ft 5.5GHz hFE 60-120     |
| T74   |        | 2SC4568    | N  | npn RF ft 5.5GHz hFE 100-200    |
| T74   |        | 2SC4570    | N  | npn RF ft 5.5GHz hFE 100-200    |
| T75   |        | 2SC4569    | N  | npn RF fT 5GHz hFE 40-80        |
| T75   |        | 2SC4571    | N  | npn RF fT 5GHz hFE 40-80        |
| T76   |        | 2SC4569    | N  | npn RF fT 5GHz hFE 60-120       |
| T76   |        | 2SC4571    | N  | npn RF fT 5GHz hFE 100-200      |
| T76   |        | 2SC4571    | N  | npn RF fT 5GHz hFE 60-120       |
| T77   |        | 2SC4569    | N  | npn RF fT 5GHz hFE 100-200      |
| T7p   | SOT23  | BSR15      | N  | 2N2907                          |
| T7t   | SOT23  | BSR15      | N  | 2N2907                          |
| T8    | SOT23  | BSR16      |    | PNP                             |
| T8    | SOT23  | BSR16      | N  | 2N2907A                         |
| T8    | SOT23  | SST4118    |    | JFET                            |
| T81   | SOT23  | BSR16R     |    | PNP                             |
| T81   | SOT23R | BSR16R     | R  | 2N2907A                         |
| T82   |        | 2SC4954    | N  | npn RF fT 12GHz @3V 5mA         |
| T82   |        | 2SC4956    | WQ | npn RF fT 12GHz @3V 5mA         |
| T83   |        | 2SC4955    | WQ | npn RF fT 12GHz @3V 10mA        |
| T84   |        | 2SC5177    | N  | npn RF fT 13GHz @2V 7mA         |
| T84   |        | 2SC5178    | WQ | npn RF fT 13GHz @2V 7mA         |
| T84   |        | 2SC5179    |    | npn RF fT 13GHz @2V 7mA         |
| T86   |        | 2SC5182    | N  | npn RF fT 12GHz @2V 20mA        |
| T86   |        | 2SC5182    | NN | npn RF fT 12GHz @2V 20mA        |
| T86   |        | 2SC5183    | WQ | npn RF fT 12GHz @2V 20mA        |
| T88   |        | 2SC5191    | N  | npn RF fT 8.5GHz @3V 20mA       |
| T88   |        | 2SC5192    | WQ | npn RF fT 8.5GHz @3V 20mA       |
| T88   |        | 2SC5193    | N  | npn RF fT 8.5GHz @3V 20mA       |
| T89   |        | 2SC5288    | WQ | npn RF                          |
| T8p   | SOT23  | BSR16      | N  | 2N2907A                         |
| T8t   | SOT23  | BSR16      | N  | 2N2907A                         |
| T9    | SOT23  | BSR18      |    | PNP                             |
| T9    | SOT23  | SST4119    |    | JFET                            |
| T90   |        | 2SC5289    | WQ | npn RF                          |
| T92   |        | 2SC1977    | WQ | npn RF fT 8.5GHz                |
| T92   | SOT23  | BSR18A     |    | PNP                             |
| T92   | SOT23  | BSR18A     | N  | 2N3904                          |
| T92P  | SOT23  | BSR18A     | N  | 2N3904                          |
| T93   |        | 2SC1978    | WQ | npn RF fT 8.5GHz                |
| TA    | SOT23  | KTY13A     |    | TEMP.SENSE                      |

|     |        |          |    |                               |
|-----|--------|----------|----|-------------------------------|
| TB  | SOT23  | KTY13B   |    | TEMP.SENSE                    |
| TC  | SOT23  | KTY13C   |    | TEMP.SENSE                    |
| TD  | SOT23  | KTY13D   |    | TEMP.SENSE                    |
| TFX | SOT23  | BAL99    | V  | switching diode               |
| tG1 | SOT23  | PMBT5551 | N  | 2N5551 npn Vce 140V           |
| tG1 | SOT323 | PMST5551 | N  | 2N5551 npn Vce 140V           |
| TV  | SOT23  | MMBF112  |    | FET                           |
| TV  | SOT23  | MMBF112L | F  | RF jfet                       |
| U   | SOD323 | BB545    | I  | 20-2pF varicap                |
| U   | SOT143 | BCV61A   |    | NPN                           |
| U   | SOT23  | BC848A   |    | NPN                           |
| U   | SOT23  | FMMT2369 |    | NPN                           |
| U   | SOT23  | MMBT2369 |    | NPN                           |
| U   | SOT23  | PMBT2369 |    | NPN                           |
| U   | SOT323 | BC848AW  |    | NPN                           |
| U1  | SOT143 | BGX50A   |    | diodax4                       |
| U1  | SOT143 | BGX50A   | BQ | quad ring Si sw diodes        |
| U1  | SOT23  | BCX19    |    | NPN                           |
| U1  | SOT23  | BCX19    | N  | BC337                         |
| U16 |        | 2SC4183  | N  | npn RF 5V fT1GHz hFE 60-120   |
| U17 |        | 2SC4183  | N  | npn RF 5V fT1GHz hFE 90-180   |
| U18 |        | 2SC4183  | N  | npn RF 5V fT1GHz hFE 120-240  |
| U1A | SOT143 | 3SK230A  | UQ | dg RF mosfet                  |
| U1B | SOT143 | 3SK230B  | UQ | dg RF mosfet                  |
| U1C | SOT143 | 3SK231C  | UQ | dg RF mosfet                  |
| U1D | SOT143 | 3SK231D  | UQ | dg RF mosfet                  |
| U1E | SOT143 | 3SK252E  | UQ | dg RF mosfet                  |
| U1E | SOT343 | 3SK254E  | UQ | dg RF mosfet                  |
| U1G | SOT143 | 3SK253G  | UQ | dg RF mosfet                  |
| U1G | SOT343 | 3SK255G  | UQ | dg RF mosfet                  |
| U1p | SOT23  | BCX19    | N  | BC337                         |
| U1t | SOT23  | BCX19    | N  | BC337                         |
| U2  | SOT23  | BCX20    |    | NPN                           |
| U2  | SOT23  | BCX20    | N  | BC338                         |
| U21 |        | 2SC4185  | N  | npn RF 10V fT2.4GHz hFE40-80  |
| U22 |        | 2SC4185  | N  | npn RF 10V fT2.4GHz hFE60-120 |
| U23 |        | 2SC4185  | N  | npn RF 10V fT2.4GHz hFE90-180 |
| U2t | SOT23  | BCX20    | N  | BC338                         |
| U3  | SOT23  | BSS64    |    | NPN                           |
| U3  | SOT23  | BSS64    | N  | 120V 0.25A 0.2W               |
| U35 | SOT23  | BSR19    |    | NPN                           |
| U36 | SOT23  | BSR19A   |    | NPN                           |
| U4  | SOT23  | BCX19R   |    | NPN                           |
| U4  | SOT23R | BCX19R   | R  | BC337                         |
| U5  | SOT23  | BCX20R   |    | NPN                           |
| U5  | SOT23R | BCX20R   | R  | BC338                         |
| U55 | SOT143 | 3SK134B  | UQ | dg mosfet                     |
| U55 | SOT343 | 3SK245   | UQ | dg mosfet                     |
| U56 | SOT143 | 3SK134B  | UQ | dg mosfet                     |
| U56 | SOT343 | 3SK245   | UQ | dg mosfet                     |
| U6  | SOT23  | BSS64R   |    | NPN                           |
| U6  | SOT23R | BSS64R   | R  | 120V 0.25A 0.2W               |
| U65 | SOT143 | 3SK135A  | UQ | dg mosfet                     |
| U66 | SOT143 | 3SK135A  | UQ | dg mosfet                     |
| U7  | SOT23  | BSR13    |    | NPN                           |
| U7  | SOT23  | BSR13    | N  | 2N2222                        |
| U71 | SOT143 | 3SK177   | UQ | dg GaAsfet Idss 5-15mA        |
| U71 | SOT23  | BSR13R   |    | NPN                           |
| U71 | SOT23R | BSR13R   | R  | 2N2222                        |
| U71 | SOT343 | 3SK299   | UQ | dg GaAsfet Idss 5-15mA        |
| U72 | SOT143 | 3SK177   | UQ | dg GaAsfet Idss10-25mA        |
| U72 | SOT343 | 3SK299   | UQ | dg GaAsfet Idss 10-25mA       |
| U73 | SOT143 | 3SK177   | UQ | dg GaAsfet Idss 20-35mA       |
| U73 | SOT343 | 3SK299   | UQ | dg GaAsfet Idss 20-35mA       |
| U74 | SOT143 | 3SK177   | UQ | dg GaAsfet Idss 30-40mA       |
| U74 | SOT343 | 3SK299   | UQ | dg GaAsfet Idss 30-40mA       |
| U76 | SOT143 | 3SK206   | UQ | dg GaAsfet Idss 10-25mA       |
| U77 | SOT143 | 3SK206   | UQ | dg GaAsfet Idss 20-35mA       |
| U78 | SOT143 | 3SK206   | UQ | dg GaAsfet Idss 30-50mA       |
| U79 | SOT143 | 3SK206   | UQ | dg GaAsfet Idss 45-80mA       |
| U7p | SOT23  | BSR13    | N  | 2N2222                        |
| U7t | SOT23  | BSR13    | N  | 2N2222                        |



|      |         |             |    |                               |
|------|---------|-------------|----|-------------------------------|
| U8   | SOT23   | BSR14       |    | NPN                           |
| U8   | SOT23   | BSR14       | N  | 2N2222A                       |
| U81  | SOT23   | BSR14R      |    | NPN                           |
| U81  | SOT23R  | BSR14R      | R  | 2N2222A                       |
| U87  | SOT143  | 3SK176A     | UQ | dg mosfet                     |
| U88  | SOT143  | 3SK176A     | UQ | dg mosfet                     |
| U8p  | SOT23   | BSR14       | N  | 2N2222A                       |
| U8t  | SOT23   | BSR14       | N  | 2N2222A                       |
| U9   | SOT23   | BSR17       |    | NPN                           |
| U90  | SOT143  | 3SK223      | UQ | dg mosfet                     |
| U90  | SOT343  | 3SK243      | UQ | dg mosfet                     |
| U91  | SOT143  | 3SK223      | UQ | dg mosfet                     |
| U91  | SOT143  | 3SK243      | UQ | dg mosfet                     |
| U92  | SOT23   | BSR17A      |    | NPN                           |
| U92  | SOT23   | BSR17A      | N  | 2N3904                        |
| U92p | SOT23   | BSR17A      | N  | 2N3904                        |
| U94  | SOT143  | 3SK224D     | UQ | dg mosfet                     |
| U94  | SOT343  | 3SK244D     | UQ | dg mosfet                     |
| U95  | SOT143  | 3SK224E     | UQ | dg mosfet                     |
| U95  | SOT143  | 3SK244E     | UQ | dg mosfet                     |
| UA   | SOT23   | MMBT2369A   |    | NPN                           |
| UB   |         | 2SB852Kbsp  | N  | pnnp darlington comp 2SD1383K |
| UC   |         | MSC2404-C   | H  | npn RF 450MHz fT 20V          |
| UC   | SC59    | MSC2402-CT1 |    | NPN                           |
| UC   | SOT143  | 3SK126      |    | MOSFET                        |
| UD   | SOT143  | 3SK127      |    | MOSFET                        |
| UE   | SOT143  | 3SK146      |    | MOSFET                        |
| UF   | SOT23   | BB801       |    | VCAPdiode                     |
| UG   | SOT143  | 3SK140      |    | GAASMESFET                    |
| UH   | SOT143  | 3SK151      |    | MOSFET                        |
| UJ   | SOT143  | 3SK195      |    | MOSFET                        |
| UI   | SOT143  | 3SK153      |    | MOSFET                        |
| UL   | SOT143  | 3SK160      |    | MOSFET                        |
| UM   | SOT143  | 3SK199      |    | MOSFET                        |
| V    | SOT23   | 2SJ106      |    | JFET                          |
| V    | SOT89   | 2SC3803     |    | NPN                           |
| V0   | SOT23   | YP0610T     |    | MOSFET                        |
| V01  |         | VN50300T    | M  | n-ch enh mosfet 500V 22mA     |
| V02  |         | VN0605T     | M  | n-ch enh mosfet 60V/0.18A     |
| V04  |         | VN45350T    | M  | n-ch enh mosfet 450V 20mA     |
| V1   | SC75    | MRF959      | N  | npn RF fT 9GHz                |
| V1   | SOT23   | BFT25       |    | NPN                           |
| V1   | SOT23   | VN50300T    |    | MOSFET                        |
| V10  | SOT23   | BFT25A      |    | NPN                           |
| V11  | SOT143  | 3SK131      | UQ | dg VHF mosfet                 |
| V11  | SOT143  | BFG25A/X    |    | NPN                           |
| V11  | SOT343  | 3SK242      | UQ | dg VHF mosfet                 |
| V12  | SOT143  | 3SK131      | UQ | dg VHF mosfet                 |
| V12  | SOT143  | BFG67/X     |    | NPN                           |
| V12  | SOT343  | 3SK242      | UQ | dg VHF mosfet                 |
| V13  | SOT143  | 3SK131      | UQ | dg VHF mosfet                 |
| V13  | SOT143  | BFG197/X    |    | NPN                           |
| V13  | SOT343  | 3SK242      | UQ | dg VHF mosfet                 |
| V14  | SOT143  | BFG92A/X    |    | NPN                           |
| V15  | SOT143  | BFG93A/X    |    | NPN                           |
| V16  | SOT143  | BFG33/X     |    | NPN                           |
| V1p  | SOT23   | BFT25       | N  | npn RF 5V 6.5mA 2.3GHz        |
| V2   |         | BFQ67       | N  | npn RF fT 7.5 GHz 50mA        |
| V2   | SOT23   | BFQ67       |    | NPN                           |
| V2   | SOT23   | VN0605T     |    | MOSFET                        |
| V2   | SOT323  | BFQ67W      |    | NPN                           |
| V21  | SOT143  | 3SK222      | UQ | dg VHF mosfet                 |
| V21  | SOT343  | 3SK246      | UQ | dg VHF mosfet                 |
| V22  | SOT143  | 3SK222      | UQ | dg VHF mosfet                 |
| V22  | SOT343  | 3SK246      | UQ | dg VHF mosfet                 |
| V25  | SOT23   | PMBT3640    |    | PNP                           |
| V26  | SOT143R | BFG67/XR    |    | NPN                           |
| V27  | SOT143R | BFG67R      |    | NPN                           |
| V29  | SOT143R | BFG92A/XR   |    | NPN                           |
| V3   | SOT143  | BFG67       |    | NPN                           |
| V3   | SOT143  | BFG67       | X  | npn RF fT 8GHz 50mA           |
| V30  | SOT23   | PMBTH10     |    | NPN                           |

|       |         |             |    |                             |
|-------|---------|-------------|----|-----------------------------|
| V31   | SOT23   | PMBTH81     |    | PNP                         |
| V32   | SOT143R | BF750       |    | NPN                         |
| V33   | SOT143R | BFG93A/XR   |    | NPN                         |
| V34   | SOT143R | BF749       |    | NPN                         |
| V35   | SOT143R | BFG197/XR   |    | NPN                         |
| V38   | SOT143R | BF752       |    | NPN                         |
| V5    | SOT143  | BFG197      |    | NPN                         |
| V5    | SOT143  | BFG197      | X  | npn RF 7.5GHz 100mA         |
| V50   |         | VP0610T     | M  | p-ch enh mosfet -60V 120mA  |
| V6    | SOT143  | BFG33       |    | NPN                         |
| V7005 | SOT223  | MV7005      |    | VARICAPdioda                |
| V7404 | SOT223  | MV7404      |    | VARICAPdioda                |
| VB    |         | MSC2295-B   | H  | npn RF 150MHz fT 20V        |
| VB    | SC59    | MSC2295-BT1 |    | NPN                         |
| VC    |         | MSC2295-C   | H  | npn RF 150MHz fT 20V        |
| VC    | SC59    | MSC2295-CT1 |    | NPN                         |
| W     | SOT23   | 2SC2859     |    | NPN                         |
| W     | SOT89   | 2SA1483     |    | PNP                         |
| W0F   | SOT343  | TSDF1205RW  | WQ | 12GHz npn 5mA 4V            |
| W1    | SOT23   | BFT92       |    | PNP                         |
| W1    | SOT323  | BFT92W      |    | PNP                         |
| W18   |         | BFP181TRW   | WQ | npn RF fT 7.8GHz 10V 20mA   |
| W18   |         | BFP181TW    | X  | npn RF fT 7.8GHz 10V 20mA   |
| W1s   | SOT23   | BFT92       | N  | BFQ51/BFQ76                 |
| W1s   | SOT363  | BCR10PN     | DP | npn/npn dig 0.1A 10k+10k    |
| W2    | SOT343  | TSDF1220RW  | WQ | 12GHz npn 6V 20mA           |
| W22   |         | S822TRW     | WQ | npn rf fT 5.2 GHz 6V 8mA    |
| W22   |         | S822TW      | X  | npn rf fT 5.2 GHz 6V 8mA    |
| W28   |         | BFP280TRW   | WQ | npn rf fT 7 GHz 8V 10mA     |
| W28   |         | BFP280TW    | X  | npn rf fT 7 GHz 8V 10mA     |
| W3    | SOT23   | BZX84-C2V4  | C  | 0.3W zener 2.4V             |
| W4    | SOT23   | BZX84-C2V7  |    | zener.                      |
| W4    | SOT23   | BZX84-C2V7  | C  | 0.3W zener 2.7V             |
| W5    | SOT23   | BZX84-C3V0  | C  | 0.3W zener 3.0V             |
| W5    | SOT23   | BZX84-C3V0  |    | zener.                      |
| W52   |         | S852TW      | X  | npn rf fT 5.2 GHz 6V 8mA    |
| W6    | SOT23   | BZX84-C3V3  |    | zener.                      |
| W6    | SOT23   | BZX84-C3V3  | C  | 0.3W zener 3.3V             |
| W67   |         | BFP67W      | X  | npn rf fT 7.5 GHz 10V 50mA  |
| W7    | SOT23   | BZX84-C3V6  |    | zener.                      |
| W7    | SOT23   | BZX84-C3V6  | C  | 0.3W zener 3.6V             |
| W74   | SOT23   | BAW74       |    | dioda-2x                    |
| W8    | SOT23   | BZX84-C3V9  |    | zener.                      |
| W8    | SOT23   | BZX84-C3V9  | C  | 0.3W zener 3.9V             |
| W82   |         | BFP182TRW   | WQ | npn rf fT 7.5 GHz 10V 35mA  |
| W82   |         | BFP182TW    | X  | npn rf fT 7.5 GHz 10V 35mA  |
| W83   |         | BFP183T     | X  | npn rf fT 7.4 GHz 10V 65mA  |
| W83   |         | BFP183TRW   | WQ | npn rf fT 7.4 GHz 10V 65mA  |
| W9    | SOT23   | BZX84-C4V3  |    | zener.                      |
| W9    | SOT23   | BZX84-C4V3  | C  | 0.3W zener 4.3V             |
| W92   | SOT343  | BFP92AW     | X  | npn rf fT 6 GHz 15V 30mA    |
| WB    |         | 2SD1383K    | N  | npn darlington comp 2SB852K |
| WCs   | SC75    | BCR133T     | N  | npn dig 50V 0.1A 10k+10k    |
| WCs   | SOT23   | BCR133      | N  | npn dig 50V 0.1A 10k+10k    |
| WCs   | SOT323  | BCR133W     | N  | npn dig 50V 0.1A 10k+10k    |
| WCs   | SOT363  | BCR133S     | DN | dual BCR133                 |
| WCs   | SOT457  | BCR133U     | N  | npn dig 50V 0.1A 10k+10k    |
| WDs   | SC75    | BCR141T     | N  | npn 50V 0.1A dig 22k +22k   |
| WDs   | SOT23   | BCR141      | N  | npn 50V 0.1A dig 22k +22k   |
| WDs   | SOT323  | BCR141W     | N  | npn 50V 0.1A dig 22k +22k   |
| WDs   | SOT363  | BCR141S     | DN | dual BCR141                 |
| WE1   |         | BFS17W      | N  | npn rf fT 2.1GHz SOT-323    |
| WE2   |         | BFS17AW     | N  | npn rf fT 3.2GHz SOT-323    |
| WEs   | SC75    | BCR148T     | N  | npn 50V 0.1A dig 47k +47k   |
| WEs   | SOT23   | BCR148      | N  | npn 50V 0.1A dig 47k +47k   |
| WEs   | SOT323  | BCR148W     | N  | npn 50V 0.1A dig 47k +47k   |
| WEs   | SOT363  | BCR148S     | DN | dual BCR148                 |
| WEs   | SOT457  | BCR148U     | N  | npn 50V 0.1A dig 47k +47k   |
| WF0   | SOT343  | TSDF1205W   | X  | 12 GHz npn 5mA 4V           |
| WF2   | SOT343  | TSDF1220W   | X  | 12GHz npn 6V 20mA           |
| WFE   | SOT343  | BFP93A      | X  | BFP93A (FE) in 6GHz npn     |
| Wfs   | SOT23   | BCR112      | N  | npn dig 50V 0.1A 4k7+4k7    |

|            |         |             |    |                                  |
|------------|---------|-------------|----|----------------------------------|
| WFs        | SOT363  | BCR08PN     | DP | npn/npn dig 0.1A 2k2+47k         |
| WGs        | SOT23   | BCR116      | N  | npn dig 50V 0.1A 4k7+47k         |
| WGs        | SOT323  | BCR116W     | N  | npn dig 50V 0.1A 4k7+47k         |
| WHs        | SC75    | BCR108T     | N  | npn dig 50V 0.1A 2k2+47k         |
| WHs        | SOT23   | BCR108      | N  | npn dig 50V 0.1A 2k2+47k         |
| WHs        | SOT323  | BCR108W     | N  | npn dig 50V 0.1A 2k2+47k         |
| WHs        | SOT363  | BCR108S     | DN | dual BCR108                      |
| WIs        | SC75    | BCR158T     | N  | npn dig 50V 0.1A 2k2+47k         |
| WIs        | SOT23   | BCR158      | N  | npn dig 50V 0.1A 2k2+47k         |
| WIs        | SOT323  | BCR158W     | N  | npn dig 50V 0.1A 2k2+47k         |
| WJs        | SC75    | BCR135T     | N  | npn dig 50V 0.1A 10k+47k         |
| WJs        | SOT23   | BCR135      | N  | npn dig 50V 0.1A 10k+47k         |
| WJs        | SOT323  | BCR135W     | N  | npn dig 50V 0.1A 10k+47k         |
| WJs        | SOT363  | BCR135S     | DN | dual BCR135                      |
| WKS        | SOT23   | BCR119      | N  | npn dig 50V 0.1A 4k7             |
| WKS        | SOT323  | BCR119W     | N  | npn dig 50V 0.1A 4k7             |
| WKS        | SOT363  | BCR119S     | DN | npn dig 50V 0.1A 4k7             |
| WLS        | SOT23   | BCR146      | N  | dual npn dig 50V 47k+22k         |
| WLS        | SOT323  | BCR146W     | N  | dual npn dig 50V 47k+22k         |
| WMO        | SOT343R | BF998RW     | UQ | vhf dg mosfet BF988              |
| WMS        | SC75    | BCR183T     | N  | npn dig 50V 10k+10k              |
| WMS        | SOT23   | BCR183      | N  | npn dig 50V 10k+10k              |
| WMS        | SOT323  | BCR183W     | N  | npn dig 50V 10k+10k              |
| WMS        | SOT363  | BCR183S     | DO | dual npn dig 50V 10k+10k         |
| WMS        | SOT457  | BCR183U     | N  | npn dig 50V 10k+10k              |
| WNS        | SOT23   | BCR185      | N  | npn dig 50V 0.1A 10k+47k         |
| WNS        | SOT323  | BCR185W     | N  | npn dig 50V 0.1A 10k+47k         |
| WNS        | SOT363  | BCR185S     | DO | dual BCR185                      |
| WNS        | SOT457  | BCR185U     | N  | npn dig 50V 0.1A 10k+47k         |
| WO         | SOD110  | BZX284-B2V4 | I  | 0.4W zener 2.4V E24 -2%          |
| WOs        | SOT23   | BCR191      | N  | npn dig 50V 0.1A 22k+22k         |
| WOs        | SOT323  | BCR191W     | N  | npn dig 50V 0.1A 22k+22k         |
| WOs        | SOT363  | BCR191S     | DO | dual BCR191                      |
| WP         | SOD110  | BZX284-B2V7 | I  | 0.4W zener 2.7V E24 -2%          |
| WP2        | SOT23   | BFR92A      | N  | BRF90A                           |
| WPs        | SC75    | BCR192T     | N  | npn dig 50V 0.1A 22k+47k         |
| WPs        | SOT23   | BCR192      | N  | npn dig 50V 0.1A 22k+47k         |
| WPs        | SOT323  | BCR192W     | N  | npn dig 50V 0.1A 22k+47k         |
| WPs        | SOT363  | BCR22PN     | DP | npn/npn dig 0.1A 22k+22k         |
| WQ         | SC59    | 2PB602Q     |    | NPN                              |
| WQ         | SOD110  | BZX284-B3V0 | I  | 0.4W zener 3.0V E24 -2%          |
| WR         | SC59    | 2PB602R     |    | NPN                              |
| WR         | SC59    | MSD602-RT1  |    | NPN                              |
| WR         | SOD110  | BZX284-B3V3 | I  | 0.4W zener 3.3V E24 -2%          |
| WR         | SOT346  | MSD602R     | N  | npn gp 25V 150mA                 |
| WR2        |         | BFR93AW     | N  | BFR91A                           |
| WRE        |         | BFR280TW    | N  | npn RF ft 7.5GHz                 |
| WRF        |         | BFR181TW    | N  | npn RF ft 7.8GHz                 |
| WRG        |         | BFR182TW    | N  | npn RF ft 7GHz                   |
| WRH        |         | BFR183TW    | N  | npn RF ft 7.4GHz                 |
| WRs        | SOT23   | BCR198      | N  | npn dig 50V 0.1A 47k+47k         |
| WRs        | SOT323  | BCR198W     | NN | npn dig 50V 0.1A 47k+47k         |
| WRs        | SOT363  | BCR198S     | D  | dual BCR198                      |
| WS         | SC59    | 2PB602S     |    | NPN                              |
| WS         | SOD110  | BZX284-B3V6 | I  | 0.4W zener 3.6V E24 -2%          |
| WS         | SOT23   | BCR169      | N  | npn dig 50V 0.1A 4k7             |
| WS         | SOT323  | BCR169W     | N  | npn dig 50V 0.1A 4k7             |
| WS         | SOT363  | BCR169S     | DO | dual BC169                       |
| WT         | SOD110  | BZX284-B3V9 | I  | 0.4W zener 3.9V E24 -2%          |
| WT         | SOT23   | BCR166      | N  | npn dig 50V 0.1A 4k7+47k         |
| WT         | SOT323  | BCR166W     | N  | npn dig 50V 0.1A 4k7+47k         |
| WT         | SOT363  | BCR48PN     | DP | npn/npn dig npn 2x47k npn2k2+47k |
| WU         | SC75    | BCR162T     | N  | npn dig 50V 0.1A 4k7+4k7         |
| WU         | SOD110  | BZX284-B4V3 | I  | 0.4W zener 4.3V E24 -2%          |
| WU         | SOT23   | BCR162      | N  | npn dig 50V 0.1A 4k7+4k7         |
| WU         | SOT363  | BCR35PN     | DP | npn/npn dig 0.1A 10k+47k         |
| WU         | SOT363  | MRF2947A    | DG | dual MRF941 npn RF 9GHz          |
| X          | SOT23   | 2SK209      |    | JFET                             |
| X (white)  | SOT323  | BB833       | I  | 9.3-0.75pF varicap               |
| X (yellow) | SOT323  | BB835       | I  | 9.1-0.6pF varicap                |
| X1         |         | IMX1        | DC | dual 2SC2412K npn                |
| X1         | SOT23   | BFT93       |    | PNP                              |

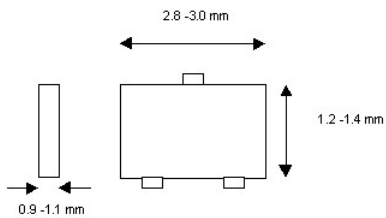
|     |        |             |    |                          |
|-----|--------|-------------|----|--------------------------|
| X1  | SOT23  | BFT93       | N  | BFQ23 BFQ75              |
| X1  | SOT23  | BFT93W      |    | PNP                      |
| X1  | SOT23  | BZX84-C27   |    | zener.                   |
| X1  | SOT23  | BZX84-C27   | C  | 0.3W zener 27V           |
| X2  |        | IMX2        | DD | dual 2SC2412K npn        |
| X2  | SOT23  | BZX84-C30   |    | zener.                   |
| X2  | SOT23  | BZX99-C13   | C  | 13V 0.3W zener           |
| X3  | SOT23  | BZX84-C33   |    | zener.                   |
| X3  | SOT23  | BZX99-C15   | C  | 15V 0.3W zener           |
| X4  | SOT23  | BZX84-C36   |    | zener.                   |
| X5  | SOT23  | BZX84-C39   |    | zener.                   |
| X5  | SOT23  | MMBV409     |    | VCAPdioda                |
| X5  | SOT23  | MMBV409G    | C  | Hyperabrupt varicap      |
| X6  | SOT23  | BZX84-C43   |    | zener.                   |
| X7  | SOT23  | BZX84-C47   |    | zener.                   |
| XA  | SOD110 | BZX284-B7V5 | I  | 0.4W zener 7.5V E24 -2%  |
| XA  | SOT23  | BZX99-C4V7  | C  | 4.7V 0.3W zener          |
| XA  | SOT23  | RN1401      |    | NPN                      |
| XAs | SOT23  | BCR503      | N  | nnp dig 50V 0.5A 2k2+2k2 |
| XB  | SOD110 | BZX284-B8V2 | I  | 0.4W zener 8.2V E24 -2%  |
| XB  | SOT23  | BZX99-C5V1  | C  | 5.1V 0.3W zener          |
| XB  | SOT23  | RN1402      |    | NPN                      |
| XBs | SOT23  | BCR553      | N  | pnp dig 50V 0.5A 2k2+2k2 |
| XC  | SOD110 | BZX284-B9V1 | I  | 0.4W zener 9.1V E24 -2%  |
| XC  | SOT23  | BZX99-C5V6  | C  | 5.6V 0.3W zener          |
| XC  | SOT23  | RN1403      |    | NPN                      |
| XCs | SOT23  | BCR533      | N  | nnp dig 50V 0.5A 10k+10k |
| XD  | SOD110 | BZX284-B10  | I  | 0.4W zener 10V E24 -2%   |
| XD  | SOT23  | BZX99-C6V2  | C  | 6.2V 0.3W zener          |
| XD  | SOT23  | RN1404      |    | NPN                      |
| XDs | SOT23  | BCR555      | N  | pnp dig 50V 0.5A 2k2+10k |
| XE  | SOD110 | BZX284-B11  | I  | 0.4W zener 11V E24 -2%   |
| XE  | SOT23  | BZX99-C6V8  | C  | 6.8V 0.3W zener          |
| XE  | SOT23  | RN1405      |    | NPN                      |
| XF  | SOD110 | BZX284-B12  | I  | 0.4W zener 12V E24 -2%   |
| XF  | SOT23  | RN1406      |    | NPN                      |
| XFs | SOT23  | BCR512      | N  | nnp dig 50V 0.5A 4k7+4k7 |
| XG  | SOD110 | BZX284-B13  | I  | 0.4W zener 13V E24 -2% S |
| XGs | SOT23  | BCR523      | N  | nnp dig 50V 0.5A 1k0+10k |
| XH  | SOD110 | BZX284-B15  | I  | 0.4W zener 15V E24 -2%   |
| XH  | SOD123 | MMSD701     | I  | MMBD701                  |
| XH  | SOT23  | RN1407      |    | NPN                      |
| XHs | SOT23  | BCR573      | N  | pnp dig 50V 0.5A 1k0+10k |
| XI  | SOD110 | BZX284-B16  | I  | 0.4W zener 16V E24 -2%   |
| XI  | SOT23  | RN1408      |    | NPN                      |
| XJ  | SOD110 | BZX284-B18  | I  | 0.4W zener 18V E24 -2%   |
| XJ  | SOT23  | RN1409      |    | NPN                      |
| XK  | SOD110 | BZX284-B20  | I  | 0.4W zener 20V E24 -2%   |
| XK  | SOT23  | RN1410      |    | NPN                      |
| XKs | SOT23  | BCR519      | N  | nnp dig 50V 0.5A 4k7     |
| XL  | SOD110 | BZX284-B22  | I  | 0.4W zener 22V E24 -2%   |
| XL  | SOT23  | BZX99-C2V4  | C  | 2.4V 0.3W zener          |
| XLs | SOT23  | BCR569      | N  | pnp dig 50V 0.5A 4k7     |
| XM  | SOD110 | BZX284-B24  | I  | 0.4W zener 24V E24 -2%   |
| XM  | SOT23  | BZX99-C2V7  | C  | 2.7V 0.3W zener          |
| XM  | SOT23  | RN1411      |    | NPN                      |
| XMs | SOT23  | BCR583      | N  | pnp dig 50V 0.5A 10k+10k |
| XN  | SOD110 | BZX284-B27  | I  | 0.4W zener 27V E24 -2%   |
| XN  | SOT23  | BZX99-C3V0  | C  | 3.0V 0.3W zener          |
| XN  | SOT89  | 2SD1784     |    | NPN                      |
| XO  | SOD110 | BZX284-B30  | I  | 0.4W zener 30V E24 -2%   |
| XP  | SOD110 | BZX284-B33  | I  | 0.4W zener 33V E24 -2%   |
| XP  | SOT23  | BZX99-C3V3  | C  | 3.3V 0.3W zener          |
| XP  | SOT346 | MMBD3000    | C  | Si diode 30V 0.2A        |
| XQ  | SC59   | 2PB602AQ    |    | NPN                      |
| XQ  | SOD110 | BZX284-B36  | I  | 0.4W zener 36V E24 -2%   |
| XQ  | SOT346 | 2PD602AQ    | N  | gp npn hfe 85-170        |
| XQ  | SOT346 | MMBD3005    | A  | dual ca MMBD3000         |
| XR  | SC59   | 2PB602AR    |    | NPN                      |
| XR  | SOD110 | BZX284-B39  | I  | 0.4W zener 39V E24 -2%   |
| XR  | SOT23  | BZX99-C3V6  | C  | 3.6V 0.3W zener          |
| XR  | SOT346 | 2PD602AR    | N  | gp npn hfe 120-240       |

|     |        |            |    |                          |
|-----|--------|------------|----|--------------------------|
| XR  | SOT363 | MRF2947RA  | DH | dual MRF941 npn RF 9GHz  |
| XS  | SC59   | 2PB602AS   |    | NPN                      |
| XS  | SOD110 | BZX284-B43 | I  | 0.4W zener 43V E24 -2%   |
| XS  | SOT23  | BZX99-C3V9 | C  | 3.9V 0.3W zener          |
| XS  | SOT346 | 2PD602AS   | N  | gp npn hfe 170-340       |
| XS  | SOT346 | MMBD3010   | B  | dual cc MMBD3000         |
| XT  | SOD110 | BZX284-B47 | I  | 0.4W zener 47V E24 -2%   |
| XT  | SOD123 | MMSD301    | I  | MBD301                   |
| XT  | SOT23  | BZX99-C4V3 | C  | 4.3V 0.3W zener          |
| XU  |        | MRF2947RA  | DH | dual MRF941 npn RF 9GHz  |
| XU  | SOD110 | BZX284-B51 | I  | 0.4W zener 51V E24 -2%   |
| XU  | SOT23  | BZX99-C7V5 | C  | 7.5V 0.3W zener          |
| XUs | SOT23  | BCR562     | N  | pnp dig 50V 0.5A 4k7+4k7 |
| XV  | SOD110 | BZX284-B56 | I  | 0.4W zener 56V E24 -2%   |
| XV  | SOT23  | BZX99-C8V2 | C  | 8.2V 0.3W zener          |
| XVs | SOT23  | BCR521     | N  | npn dig 50V 0.5A 1k0+1k0 |
| XW  | SOD110 | BZX284-B62 | I  | 0.4W zener 62V E24 -2%   |
| XW  | SOT23  | BZX99-C9V1 | C  | 9.1V 0.3W zener          |
| XWs | SOT23  | BCR505     | N  | npn dig 50V 0.5A 2k2+10k |
| XX  | SOD110 | BZX284-B68 | I  | 0.4W zener 68V E24 -2%   |
| XX  | SOT23  | BZX99-C10  | C  | 10V 0.3W zener           |
| XXs | SOT23  | BCR571     | N  | pnp dig 50V 0.5A 1k0+1k0 |
| XY  | SOD110 | BZX284-B75 | I  | 0.4W zener 75V E24 -2%   |
| XY  | SOT23  | BZX99-C11  | C  | 11V 0.3W zener           |
| XZ  | SOT23  | BZX99-C12  | C  | 12V 0.3W zener           |
| Y   | SOT23  | 2SK210     |    | JFET                     |
| Y0s |        | CGY121B    |    | GaAs MMIC                |
| Y1  | SOT23  | BZX84-C11  |    | zener.                   |
| Y1  | SOT23  | BZX84-C11  | C  | 0.3W zener 11V           |
| Y10 | SOT23  | BZX84-C27  |    | zener.                   |
| Y10 | SOT23  | BZX84-C27  | C  | 0.3W zener 27V           |
| Y11 | SOT23  | BZX84-C30  |    | zener.                   |
| Y11 | SOT23  | BZX84-C30  | C  | 0.3W zener 30V           |
| Y12 | SOT23  | BZX84-C33  |    | zener.                   |
| Y12 | SOT23  | BZX84-C33  | C  | 0.3W zener 33V           |
| Y13 | SOT23  | BZX84-C36  |    | zener.                   |
| Y13 | SOT23  | BZX84-C36  | C  | 0.3W zener 36V           |
| Y14 | SOT23  | BZX84-C39  |    | zener.                   |
| Y14 | SOT23  | BZX84-C39  | C  | 0.3W zener 39V           |
| Y15 | SOT23  | BZX84-C43  |    | zener.                   |
| Y15 | SOT23  | BZX84-C43  | C  | 0.3W zener 43V           |
| Y16 | SOT23  | BZX84-C47  |    | zener.                   |
| Y16 | SOT23  | BZX84-C47  | C  | 0.3W zener 47V           |
| Y17 | SOT23  | BZX84-C51  |    | zener.                   |
| Y17 | SOT23  | BZX84-C51  | C  | 0.3W zener 51V           |
| Y18 | SOT23  | BZX84-C56  |    | zener.                   |
| Y18 | SOT23  | BZX84-C56  | C  | 0.3W zener 56V           |
| Y19 | SOT23  | BZX84-C62  |    | zener.                   |
| Y19 | SOT23  | BZX84-C62  | C  | 0.3W zener 62V           |
| Y2  | MW6    | CLY2       | DR | 3GHz GaAsfet 0.25W 3GHz  |
| Y2  | SOT23  | BZX84-C12  |    | zener.                   |
| Y2  | SOT23  | BZX84-C12  | C  | 0.3W zener 12V           |
| Y20 | SOT23  | BZX84-C68  |    | zener.                   |
| Y20 | SOT23  | BZX84-C68  | C  | 0.3W zener 68V           |
| Y21 | SOT23  | BZX84-C75  |    | zener.                   |
| Y21 | SOT23  | BZX84-C75  | C  | 0.3W zener 75V           |
| Y3  | SOT23  | BZX84-C13  |    | zener.                   |
| Y3  | SOT23  | BZX84-C13  | C  | 0.3W zener 13V           |
| Y4  | SOT23  | BZX84-C15  |    | zener.                   |
| Y4  | SOT23  | BZX84-C15  | C  | 0.3W zener 15V           |
| Y5  | SOT23  | BZX84-C16  |    | zener.                   |
| Y5  | SOT23  | BZX84-C16  | C  | 0.3W zener 16V           |
| Y5s | SOT363 | CGY59      | DS | GaAs 0.9/1.8GHz preamp   |
| Y6  | SOT23  | BZX84-C18  |    | zener.                   |
| Y6  | SOT23  | BZX84-C18  | C  | 0.3W zener 18V           |
| Y6s | MW6    | CGY62      | DS | GaAs MMIC                |
| Y7  | MW6    | CGY60      | DS | GaAs preamp MMIC 1.8GHz  |
| Y7  | SOT23  | BZX84-C20  |    | zener.                   |
| Y7  | SOT23  | BZX84-C20  | C  | 0.3W zener 20V           |
| Y8  | MW6    | CGY120     |    | GaAs MMIC                |
| Y8  | SOT23  | BZX84-C22  |    | zener.                   |
| Y8  | SOT23  | BZX84-C22  | C  | 0.3W zener 22V           |

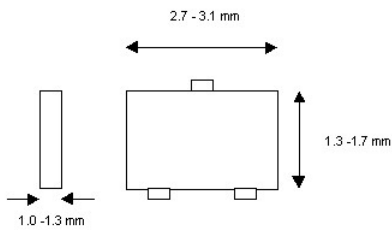
|     |        |             |    |                           |
|-----|--------|-------------|----|---------------------------|
| Y9  | SOT23  | BZX84-C24   |    | zener.                    |
| Y9  | SOT23  | BZX84-C24   | C  | 0.3W zener 24V            |
| Y9s | MW6    | CGY121A     |    | GaAs MMIC                 |
| YA  | SOT23  | RN2401      |    | PNP                       |
| YB  | SOT23  | RN2402      |    | PNP                       |
| YBs | SOT23  | BSS84       | M  | p-ch mosfet 50V 0.13A     |
| YC  | SOT23  | RN2403      |    | PNP                       |
| YD  | SOT23  | RN2404      |    | PNP                       |
| YE  | SOT23  | RN2405      |    | PNP                       |
| YF  | SOT23  | RN2406      |    | PNP                       |
| YH  | SOT23  | RN2407      |    | PNP                       |
| YJ  | SOT23  | RN2409      |    | PNP                       |
| YK  | SOT23  | RN2410      |    | PNP                       |
| YI  | SOT23  | RN2408      |    | PNP                       |
| YM  | SOT23  | RN2411      |    | PNP                       |
| YO  | SOD110 | BZX284-C2V4 | I  | 0.4W zener 2.4V E12 -5%   |
| YP  | SOD110 | BZX284-C2V7 | I  | 0.4W zener 2.7V E12 -5%   |
| YQ  | SC59   | 2PB601Q     |    | NPN                       |
| YQ  | SOD110 | BZX284-C3V0 | I  | 0.4W zener 3.0V E12 -5%   |
| YR  | SC59   | 2PB601R     |    | NPN                       |
| YR  | SC59   | MSD601-RT1  |    | NPN                       |
| YR  | SOD110 | BZX284-C3V3 | I  | 0.4W zener 3.3V E12 -5%   |
| YR  | SOT346 | MSD601R     | N  | npn gp 25V                |
| YS  | SC59   | 2PB601S     |    | NPN                       |
| YS  | SC59   | MSD601-ST1  |    | NPN                       |
| YS  | SOD110 | BZX284-C3V6 | I  | 0.4W zener 3.6V E12 -5%   |
| YS  | SOT346 | MSD601S     | N  | npn gp 25V                |
| YT  | SOD110 | BZX284-C3V9 | I  | 0.4W zener 3.9V E12 -5%   |
| YU  | SOD110 | BZX284-C4V3 | I  | 0.4W zener 4.3V E12 -5%   |
| YV  | SOD110 | BZX284-C4V7 | I  | 0.4W zener 4.7V E12 -5%   |
| YW  | SOD110 | BZX284-C5V1 | I  | 0.4W zener 5.1V E12 -5%   |
| YX  | SOD110 | BZX284-C5V6 | I  | 0.4W zener 5.6V E12 -5%   |
| YY  | SOD110 | BZX284-C6V2 | I  | 0.4W zener 6.2V E12 -5%   |
| YZ  | SOD110 | BZX284-C6V8 | I  | 0.4W zener 6.8V E12 -5%   |
| Z   | SOT23  | 2SA1182     |    | NPN                       |
| Z0  | SOD323 | PDZ2.4B     | I  | 2.4V 0.4W zener           |
| Z0  | SOT23  | SST310      |    | JFET                      |
| Z0  | SOT23  | SST310      | F  | J310 n-ch jfet            |
| Z08 | SOT23  | SST308      | F  | J308 n-ch jfet            |
| Z09 | SOT23  | SST309      | F  | J309 n-ch jfet            |
| Z1  |        | IMZ1A       | DE | 2SC2414 npn,2SA1037AK pnp |
| Z1  | SOD323 | PDZ2.7B     | I  | 2.7V 0.4W zener           |
| Z1  | SOT23  | BZX84-C4V7  |    | zener.                    |
| Z1  | SOT23  | BZX84-C4V7  | C  | 0.3W zener 4.7V           |
| Z1  | SOT23  | SSTJ211     | F  | J211 n-ch jfet            |
| Z10 | SOT23  | SST310      | F  | J310 n-ch jfet            |
| Z11 | SOT23  | BZX84-C2V4  |    | zener.                    |
| Z11 | SOT23  | BZX84-C2V4  | C  | 0.3W zener 2.4V           |
| Z12 | SOT23  | BZX84-C2V7  |    | zener.                    |
| Z12 | SOT23  | BZX84-C2V7  | C  | 0.3W zener 2.7V           |
| Z13 | SOT23  | BZX84-C3V0  | C  | 0.3W zener 3.0V           |
| Z13 | SOT23  | BZX84-C3V0  |    | zener.                    |
| Z14 | SOT23  | BZX84-C3V3  |    | zener.                    |
| Z14 | SOT23  | BZX84-C3V3  | C  | 0.3W zener 3.3V           |
| Z15 | SOT23  | BZX84-C3V6  |    | zener.                    |
| Z15 | SOT23  | BZX84-C3V6  | C  | 0.3W zener 3.6V           |
| Z16 | SOT23  | BZX84-C3V9  |    | zener.                    |
| Z16 | SOT23  | BZX84-C3V9  | C  | 0.3W zener 3.9V           |
| Z17 | SOT23  | BZX84-C4V3  |    | zener.                    |
| Z17 | SOT23  | BZX84-C4V3  | C  | 0.3W zener 4.3V           |
| Z2  |        | IMZ2A       | DF | 2SC2414 npn,2SA1037AK pnp |
| Z2  | SOD323 | PDZ3.0B     | I  | 3.0V 0.4W zener           |
| Z2  | SOT23  | BZX84-C5V1  | C  | 0.3W zener 4.7V           |
| Z2  | SOT23  | SSTJ212     | F  | J212 n-ch jfet            |
| Z3  | SOD323 | PDZ3.3B     | I  | 3.3V 0.4W zener           |
| Z3  | SOT23  | BZX84-C5V6  |    | zener.                    |
| Z3  | SOT23  | BZX84-C5V6  | C  | 0.3W zener 5.6V           |
| Z4  | SOD323 | PDZ3.6B     | I  | 3.6V 0.4W zener           |
| Z4  | SOT23  | BZX84-C6V2  |    | zener.                    |
| Z4  | SOT23  | BZX84-C6V2  | C  | 0.3W zener 6.2V           |
| Z5  | SOD323 | PDZ3.9B     | I  | 3.9V 0.4W zener           |
| Z5  | SOT23  | BZX84-C6V8  |    | zener.                    |

|     |        |             |   |                    |
|-----|--------|-------------|---|--------------------|
| Z5  | SOT23  | BZX84-C6V8  | C | 0.3W zener 6.8V    |
| Z6  | SOD323 | PDZ4.3B     | I | 4.3V 0.4W zener    |
| Z6  | SOT23  | BZX84-C7V5  |   | zener.             |
| Z6  | SOT23  | BZX84-C7V5  | C | 0.3W zener 7.5V    |
| Z7  | SOD323 | PDZ4.7B     | I | 4.7V 0.4W zener    |
| Z7  | SOT23  | BZX84-C8V2  |   | zener.             |
| Z7  | SOT23  | BZX84-C8V2  | C | 0.3W zener 8.2V    |
| Z8  | SOD323 | PDZ5.1B     | I | 5.1V 0.4W zener    |
| Z8  | SOT23  | BZX84-C9V1  |   | zener.             |
| Z8  | SOT23  | BZX84-C9V1  | C | 0.3W zener 9.1V    |
| Z8  | SOT23  | SST308      |   | JFET               |
| Z9  | SOD323 | PDZ5.6B     | I | 5.6V 0.4W zener    |
| Z9  | SOT23  | BZX84-C10   |   | zener.             |
| Z9  | SOT23  | BZX84-C10   | C | 0.3W zener 10V     |
| Z9  | SOT23  | SST309      |   | JFET               |
| ZA  | SOD110 | BZX284-C7V5 | I | 0.4W zener 7.5V 5% |
| ZA  | SOD323 | PDZ6.2B     | I | 6.2V 0.4W zener    |
| ZB  | SOD110 | BZX284-C8V2 | I | 0.4W zener 8.2V 5% |
| ZB  | SOD323 | PDZ6.8B     | I | 6.8V 0.4W zener    |
| ZB  | SOT23  | FMMT4123    |   | NPN                |
| ZB  | SOT23  | FMMT4123    | N | 2N4123             |
| ZC  | SOD110 | BZX284-C9V1 | I | 0.4W zener 9.1V 5% |
| ZC  | SOD323 | PDZ7.5B     | I | 7.5V 0.4W zener    |
| ZC  | SOT23  | FMMT4124    |   | NPN                |
| ZC  | SOT23  | FMMT4124    | N | 2N4124             |
| ZC  | SOT23  | MMBT4124    |   | NPN                |
| ZC  | SOT23  | SMBT4124    |   | NPN                |
| ZC  | SOT23  | YTS4124     |   | NPN                |
| ZD  | SOD110 | BZX284-C10  | I | 0.4W zener 10V -5% |
| ZD  | SOD323 | PDZ8.2B     | I | 8.2V 0.4W zener    |
| ZD  | SOT23  | FMMT4125    |   | PNP                |
| ZD  | SOT23  | FMMT4125    | N | 2N4125             |
| ZD  | SOT23  | MMBT4125    |   | PNP                |
| ZD  | SOT23  | MMBT4125    | N | 2N4125             |
| ZD  | SOT23  | YTS4125     |   | PNP                |
| ZE  | SOD110 | BZX284-C11  | I | 0.4W zener 11V -5% |
| ZE  | SOD323 | PDZ9.1B     | I | 9.1V 0.4W zener    |
| ZE  | SOT23  | FMMT4126    |   | PNP                |
| ZE  | SOT23  | FMMT4126    | N | 2N4126             |
| ZE  | SOT23  | MMBT4123    | N | 2N4123             |
| ZF  | SOD110 | BZX284-C12  | I | 0.4W zener 12V -5% |
| ZF  | SOD323 | PDZ10B      | I | 10V 0.4W zener     |
| ZG  | SOD110 | BZX284-C13  | I | 0.4W zener 13V -5% |
| ZG  | SOD323 | PDZ11B      | I | 11V 0.4W zener     |
| ZH  | SOD110 | BZX284-C15  | I | 0.4W zener 15V -5% |
| ZH  | SOD323 | PDZ12B      | I | 12V 0.4W zener     |
| ZHK | 2W SMD | SM2Z5V1     | I | 5.1V 2W zener      |
| ZHL | 2W SMD | SM2Z5V6     | I | 5.6V 2W zener      |
| ZHW | 2W SMD | SM2Z12      | I | 12V 2W zener       |
| ZI  | SOD110 | BZX284-C16  | I | 0.4W zener 16V -5% |
| ZJ  | SOD110 | BZX284-C18  | I | 0.4W zener 18V -5% |
| ZJ  | SOD323 | PDZ13B      | I | 13V 0.4W zener     |
| ZJF | 2W SMD | SM2Z18      | I | 18V 2W zener       |
| ZJQ | 2W SMD | SM2Z30      | I | 30V 2W zener       |
| ZK  | SOD110 | BZX284-C20  | I | 0.4W zener 20V -5% |
| ZK  | SOD323 | PDZ15B      | I | 15V 0.4W zener     |
| ZKR | 2W SMD | SM2Z150     | I | 150V 2W zener      |
| ZL  | SOD110 | BZX284-C22  | I | 0.4W zener 22V -5% |
| ZL  | SOD323 | PDZ16B      | I | 16V 0.4W zener     |
| ZM  | SOD110 | BZX284-C24  | I | 0.4W zener 24V -5% |
| ZM  | SOD323 | PDZ18B      | I | 18V 0.4W zener     |
| ZN  | SOD110 | BZX284-C27  | I | 0.4W zener 27V -5% |
| ZN  | SOD323 | PDZ20B      | I | 20V 0.4W zener     |
| ZO  | SOD110 | BZX284-C30  | I | 0.4W zener 30V -5% |
| ZP  | SOD100 | BZX284-C33  | I | 0.4W zener 33V -5% |
| ZP  | SOD323 | PDZ22B      | I | 22V 0.4W zener     |
| ZQ  | SC59   | 2PB601AQ    |   | NPN                |
| ZQ  | SOD110 | BZX284-C36  | I | 0.4W zener 36V -5% |
| ZQ  | SOD323 | PDZ24B      | I | 24V 0.4W zener     |
| Z-Q | SOT323 | 2PC4081Q    | N | gp npn hfe 120-270 |
| ZR  | SC59   | 2PB601AR    |   | NPN                |
| ZR  | SOD110 | BZX284-C39  | I | 0.4W zener 39V -5% |

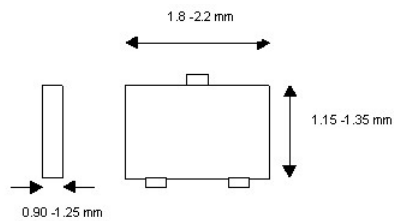
|       |        |            |   |                    |
|-------|--------|------------|---|--------------------|
| ZR    | SOD323 | PDZ27B     | I | 27V 0.4W zener     |
| ZR    | SOT323 | MSD1819A   | N | npn gp 50V         |
| Z-R   | SOT323 | 2PC4081R   | N | gp npn hfe 180-390 |
| ZS    | SC59   | 2PB601AS   |   | NPN                |
| ZS    | SOD110 | BZX284-C43 | I | 0.4W zener 43V -5% |
| ZS    | SOD323 | PDZ30B     | I | 30V 0.4W zener     |
| Z-S   | SOT323 | 2PC4081S   | N | gp npn hfe 270-560 |
| ZS1   | SOT23  | ZHCS1000   | C | schottky 1A 30V    |
| ZS7   | SOT23  | ZHCS750    | C | schottky 0.75A 30V |
| ZT    | SOD110 | BZX284-C47 | I | 0.4W zener 47V -5% |
| ZT    | SOD323 | PDZ33B     | I | 33V 0.4W zener     |
| ZTA96 | SOT223 | PZTA96T1   |   | PNP                |
| ZtQ   | SOT323 | 2PC4081Q   | N | gp npn hfe 120-270 |
| ZtR   | SOT323 | 2PC4081R   | N | gp npn hfe 180-390 |
| ZtS   | SOT323 | 2PC4081S   | N | gp npn hfe 270-560 |
| ZU    | SOD110 | BZX284-C51 | I | 0.4W zener 51V -5% |
| ZU    | SOD323 | PDZ36B     | I | 36V 0.4W zener     |
| ZV    | SOD110 | BZX284-C56 | I | 0.4W zener 56V -5% |
| ZW    | SOD110 | BZX284-C62 | I | 0.4W zener 62V -5% |
| ZX    | SOD110 | BZX284-C68 | I | 0.4W zener 68V -5% |
| ZY    | SOD110 | BZX284-C75 | I | 0.4W zener 75V -5% |



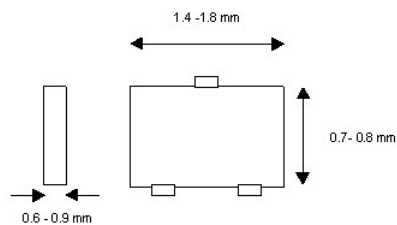
**SOT- 23**



**SC- 59**



**SOT- 323/SC-70**



**SOT- 416/SC- 90**



