



Small Signal Transistors

SOT-89 Case, 1.2W

TYPE NO.	BV _{CBO}	BV _{CEO}	BV _{EBO}	I _{CBO}	@ V _{CB}	h _{FE}		@ V _{CE}	@ I _C	V _{CE(SAT)}	@ I _C	C _{ob}	f _T	NF	t _{OFF}
	(V) MIN	(V) MIN	(V) MIN	(nA) MAX	(V)	MIN	MAX	(V)	(mA)	(V) MAX	(mA)	(pF) MAX	(MHz) MIN	(dB) MAX	(ns) MAX

General Purpose Amplifier/Switches

Devices are listed in order of descending breakdown voltage.

NPN

CXT2222A	75	40	6.0	10	60	100	300	10	150	1.0	500	8.0	300	4.0	285
CXT3904	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0	250

PNP

CXT2907A	60	60	5.0	10	50	100	300	10	150	1.6	500	8.0	200	-	100
CXT3906	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0	250

High Current

Devices are listed in order of descending breakdown voltage.

NPN

CXT3019	140	80	7.0	10	90	100	300	10	150	0.5	500	12	100	4.0	-
CBCX68	25	20	5.0	100	25	85	375	1.0	500	0.5	1,000	-	65	-	-

PNP

CXT4033	80	80	5.0	50	60	100	300	5.0	100	0.5	500	20	100	-	-
CBCX69	25	20	5.0	100	25	85	375	1.0	500	0.5	1,000	-	65	-	-

High Voltage

Devices are listed in order of descending breakdown voltage.

NPN

CXTA42	300	300	6.0	100	200	40	-	10	30	0.5	20	4.0	50	-	-
CXT5551	180	160	6.0	50	120	80	250	5.0	10	0.2	50	6.0	100	8.0	-

PNP

CXTA92	300	300	5.0	250	200	25	-	10	30	0.5	20	6.0	50	-	-
CXT5401	160	150	5.0	50	120	60	240	5.0	10	0.5	50	6.0	100	8.0	-

Darlington

Devices are listed in order of descending h_{FE}.

NPN

CXTA14	30	30*	10	100	30	20,000	-	5.0	100	1.5	100	-	125	-	-
CXTA27	60	60*	10	100	50	10,000	-	5.0	100	1.5	100	-	-	-	-

PNP

CXTA64	30	30*	10	100	30	20,000	-	5.0	100	1.5	100	-	100	-	-
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Shaded areas indicate Darlington.

