



# Power Transistors

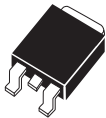
## SOT-223 Case



**A Power Transistor Chip in a Small Signal Package!**

TYPE NO.		DESCRIPTION	I <sub>C</sub> (A) MAX	P <sub>D</sub> (W)	BV <sub>CBO</sub> (V) MIN	BV <sub>CEO</sub> (V) MIN	h <sub>FE</sub>		@ I <sub>C</sub> (A)	V <sub>CE(SAT)</sub> @ I <sub>C</sub>		f <sub>T</sub> (MHz) MIN
NPN	PNP						MIN	MAX		(V) MAX	(A) MAX	
CZT31C	CZT32C	AMPL/SWITCH	3.0	2.0	100	100	10	100	3.0	1.2	3.0	3.0
CZT122	CZT127	DARLINGTON	5.0	2.0	100	100	1,000	---	3.0	4.0	5.0	4.0
CZT3055	CZT2955	AMPL/SWITCH	6.0	2.0	100	70	20	70	4.0	1.1	4.0	2.5
CZT5338		HIGH CURRENT SWITCH	5.0	2.0	100	100	30	120	2.0	1.2	5.0	30

Shaded areas indicate Darlington.



# Power Transistors

## DPAK Case



TYPE NO.		I <sub>C</sub> (A)	P <sub>D</sub> (W)	BV <sub>CBO</sub> *BV <sub>CEV</sub> (V)	BV <sub>CEO</sub> (V)	h <sub>FE</sub>		@ I <sub>C</sub> (A)	V <sub>CE(SAT)</sub> @ I <sub>C</sub>		f <sub>T</sub> *TYP (MHz) MIN
NPN	PNP					MIN	MAX		(V) MAX	(A) MAX	

### General Purpose Amplifier/Switches

Devices are listed in order of descending breakdown voltage.

CJD31C	CJD32C	3.0	15	100	100	10	50	3.0	1.2	3.0	3.0
CJD41C	CJD42C	6.0	20	100	100	15	75	3.0	1.5	6.0	3.0
CJD44H11	CJD45H11	8.0	20	80	80	40	---	4.0	1.0	8.0	50*
CJD3055	CJD2955	10	20	70	60	20	100	4.0	1.1	4.0	2.0
CJD200	CJD210	5.0	12.5	40	25	45	180	2.0	1.8	5.0	65

### High Voltage

Devices are listed in order of descending breakdown voltage.

CJD13003		1.5	15	700*	400	5.0	25	1.0	3.0	1.5	4.0
CJD50		1.0	15	500	400	30	150	0.3	1.0	1.0	10
CJD340	CJD350	0.5	15	300	300	30	240	0.05	---	---	---
CJD47		1.0	15	350	250	30	150	0.3	1.0	1.0	10

### Darlington

CJD112	CJD117	2.0	20	100	100	1,000	12,000	2.0	2.0	2.0	25
CJD122	CJD127	8.0	20	100	100	1,000	12,000	4.0	4.0	8.0	4.0

Shaded areas indicate Darlington.