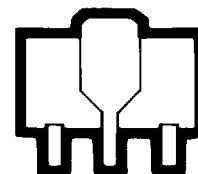


SMD Transistors SOT-89 Case 1.2W

TYPE NO.	DESCRIPTION	BV _{CEO} (VOLTS) MIN	BV _{CE0} (VOLTS) MIN	BV _{ES0} (VOLTS) MIN	I _{CEO} (mA) MAX	h _{FE}		V _{CE} (VOLTS) @ I _C	I _C (mA)	V _{CE} (SAT) (VOLTS) @ I _C	C _{ob} (pF) MAX	f _T (MHz)	NF (dB)	t _{OFF} (ns) MAX	MARKING CODE	SIMILAR LEADED DEVICE		
						MIN	MAX											
CBCX68	NPN HIGH CURRENT	25	20	5.0	100	25	85	375	1.0	500	0.50	1000	—	65	—	CBCX68	BC368	
CBCX69	PNP HIGH CURRENT	25	20	5.0	100	25	85	375	1.0	500	0.50	1000	—	65	—	CBCX69	BC369	
CXT2222A	NPN AMPL./SWITCH	75	40	6.0	10	60	100	300	10	150	1.0	500	8.0	300	4.0	285	CXT2222A	2N2222A
CXT2907A	PNP AMPL./SWITCH	60	60	5.0	10	50	100	300	10	150	1.6	500	8.0	200	—	100	CXT2907A	2N2907A
CXT3019	NPN HIGH CURRENT	140	80	7.0	10	90	100	300	10	150	0.5	500	12	100	4.0	—	CXT3019	2N3019
CXT3904	NPN AMPL./SWITCH	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0	250	CXT3904	2N3904
CXT3906	PNP AMPL./SWITCH	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0	250	CXT3906	2N3906
CXT4033	PNP HIGH CURRENT	80	80	5.0	50	60	100	300	5.0	100	1.0	1.0	20	100	—	—	CXT4033	2N4033
CXT5401	PNP HIGH VOLT	160	150	5.0	50	120	60	240	5.0	10	0.5	50	6.0	100	8.0	—	CXT5401	2N5401
CXT5551	NPN HIGH VOLT	180	160	6.0	50	120	80	250	5.0	10	0.20	50	6.0	100	8.0	—	CXT5551	2N5551
CXTA14	NPN DARLINGTON	30	30*	10	100	30	20,000	—	5.0	100	1.5	100	—	125	—	—	CXTA14	MPSA14
CXTA42	NPN HIGH VOLT	300	300	6.0	100	200	40	—	10	30	0.5	20	4.0	50	—	—	CXTA42	MPSA42
CXTA64	PNP DARLINGTON	30	30*	10	100	30	20,000	—	5.0	100	1.5	100	—	100	—	—	CXTA64	MPSA64
CXTA92	PNP HIGH VOLT	300	300	5.0	250	200	25	—	10	30	0.5	20	6.0	50	—	—	CXTA92	MPSA92

*BV_{CEs}

*I_{CEs}

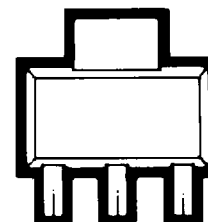


SMD Transistors SOT-223 Case 2.0W

TYPE NO.	DESCRIPTION	BV _{CEO} (VOLTS) MIN	BV _{CE0} (VOLTS) MIN	BV _{ES0} (VOLTS) MIN	I _{CEO} (mA) MAX	h _{FE}		V _{CE} (VOLTS) @ I _C	I _C (mA)	V _{CE} (SAT) (VOLTS) @ I _C	C _{ob} (pF) MAX	f _T (MHz)	NF (dB)	t _{OFF} (ns) MAX	MARKING CODE	SIMILAR LEADED DEVICE		
						MIN	MAX											
CBCP68	NPN HIGH CURRENT	25	20	5.0	100	25	85	375	1.0	500	0.5	1000	—	65	—	CBCP68	MPS650	
CBCP69	PNP HIGH CURRENT	25	20	5.0	100	25	85	375	1.0	500	0.5	1000	—	65	—	CBCP69	MPS750	
CZT2000	NPN HIGH VOLTAGE DARLINGTON	200	200*	10	500	180	3,000	—	5.0	160	1.1	80	—	—	—	CZT2000	—	
CZT2222A	NPN AMPL./SWITCH	75	40	6.0	10	60	100	300	10	150	1.0	500	8.0	300	4.0	285	CZT2222A	2N2222A
CZT2907A	PNP AMPL./SWITCH	60	60	5.0	10	50	100	300	10	150	1.6	500	8.0	200	—	100	CZT2907A	2N2907A
CZT3019	NPN HIGH CURRENT	120	80	7.0	10	90	100	300	10	150	0.5	500	12	100	4.0	—	CZT3019	2N3019
CZT3904	NPN AMPL./SWITCH	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0	250	CZT3904	2N3904
CZT3906	PNP AMPL./SWITCH	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0	250	CZT3906	2N3906
CZT4033	PNP HIGH CURRENT	80	80	5.0	50	60	100	300	5.0	100	1.0	1000	20	100	—	—	CZT4033	2N4033
CZT5401	PNP HIGH VOLT	160	150	5.0	50	120	60	240	5.0	10	0.5	50	6.0	100	8.0	—	CZT5401	2N5401
CZT5551	NPN HIGH VOLT	180	160	6.0	50	120	80	250	5.0	10	0.20	50	6.0	100	8.0	—	CZT5551	2N5551
CZTA14	NPN DARLINGTON	30	30*	10	100	30	20,000	—	5.0	100	1.5	100	—	125	—	—	CZTA14	MPSA14
CZTA42	NPN HIGH VOLT	300	300	6.0	100	200	40	—	10	30	0.5	20	4.0	50	—	—	CZTA42	MPSA42
CZTA44	NPN EXTREMELY HIGH VOLTAGE	450	400	6.0	100	400	50	200	10	10	0.75	50	7.0	20	—	—	CZTA44	MPSA44
CZTA64	PNP DARLINGTON	30	30*	10	100	30	20,000	—	5.0	100	1.5	100	—	125	—	—	CZTA64	MPSA64
CZTA92	PNP HIGH VOLT	300	300	5.0	250	200	25	—	10	30	0.5	200	6.0	50	—	—	CZTA92	MPSA92

*BV_{CEs}

*I_{CEv}



NOTE: SOT-223 ALSO MOUNTS DIRECTLY ON D PAK SOLDER PADS.

SMD JFETS SOT-23 Case

TYPE NO.	DESCRIPTION	BV _{ESS} (VOLTS) MIN	I _{LOSS} (mA)		V _{GS} (OFF) (VOLTS)		r _{DS} (ON) (Ω) MAX	NF (dB) MAX	t _{OFF} (ns) MAX	MARKING CODE	SIMILAR LEADED DEVICE
			MIN	MAX	MIN	MAX					
CMPP4391	N CH. SWITCHING	40	50	150	4.0	10	30	—	20	6J	2N4391
CMPP4392	N CH. SWITCHING	40	25	75	2.0	5.0	60	—	35	6K	2N4392
CMPP4393	N CH. SWITCHING	40	5.0	30	0.5	3.0	100	—	50	6G	2N4393
CMPP4416A	N CH. RF AMPL./MIXER	35	5.0	15	2.5	6.0	—	2.0	—	6BG	2N4416A
CMPP5460*	P CH. AMPLIFIER	40	1.0	5.0	0.75	6.0	—	2.5	—	6E	2N5460
CMPP5461*	P CH. AMPLIFIER	40	2.0	9.0	1.0	7.5	—	2.5	—	6E1	2N5461
CMPP5462*	P CH. AMPLIFIER	40	4.0	16	1.8	9.0	—	2.5	—	6E2	2N5462
CMPP5484*	N CH. RF AMPL./MIXER	25	1.0	5.0	0.3	3.0	—	3.0	—	6B	2N5484
CMPP5485	N CH. RF AMPL./MIXER	25	4.0	10	0.5	4.0	—	2.0	—	6B1	2N5485
CMPP5486*	N CH. RF AMPL./MIXER	25	8.0	20	2.0	6.0	—	2.0	—	6H	2N5486
CMPPJ174*	P CH. SWITCHING	30	2.0	100	5.0	10	85	—	—	6X	J174
CMPPJ175*	P CH. SWITCHING	30	7.0	60	3.0	6.0	125	—	—	6W	J175
CMPPJ176*	P CH. SWITCHING	30	2.0	25	1.0	4.0	250	—	—	6S	J176
CMPPJ310*	N CH. VHF/UHF AMPL	25	24	60	2.0	6.5	—	1.5 TYP	—	6T	J310

*Available on special order, please consult factory for details

