

5. SOT-23 TRANSISTORS

(Package): SOT-23



TYPE	V _{CB0} V	V _{CE0} V	I _c mA	P ₀ mW	h _{FE}		V _{CE(sat)}		f _r TYP MHz	STYLE
					Min/Max	I _c /V _{CE} mA/Volts	Max Volts	I _c /I _B mA		
BCW29LT1	-32	-32	-100	225	120/260	-2.0/-5.0	-0.3	-10/-0.5		6
BCW30LT1	-32	-32	-100	225	215/500	-2.0/-5.0	-0.3	-1.0/-0.5		6
BCW33LT1	30	20	100	225	420/800	2.0/5.0	0.25	10/0.5		6
BCW60ALT1	32	32	100	225	120/200	2.0/5.0	0.55	50/1.25	125	6
BCW60BLT1	32	32	100	225	175/310	2.0/5.0	0.55	50/1.25	125	6
BCW60DLT1	32	32	100	225	380/630	2.0/5.0	0.55	50/1.25	125	6
BCW61BLT1	-32	-32	-100	225	140/310	-2.0/-5.0	-0.55	-50/-1.25		6
BCW61CLT1	-32	-32	-100	225	250/460	-2.0/-5.0	-0.55	-50/-1.25		6
BCW61DLT1	-32	-32	-100	225	380/630	-2.0/-5.0	-0.55	-50/-1.25		6
BCW65ALT1	60	32	800	225	75/220	10/1.0	0.7	500/50	100	6
BCW68GLT1	-60	-45	-800	225	120/400	-10/-1.0	-1.5	-300/-30	100	6
BCW69LT1		-45	-100	225	120/260	-2.0/-5.0	-0.3	-10/-0.5		6
BCW70LT1		-45	-100	225	215/500	-2.0/-5.0	-0.3	-10/-0.5		6
BCW72LT1	50	45	100	225	200/450	2.0/5.0	0.25	10/0.5	300	6
BCX17LT1	-50	-45	-500	225	100/600	-100/-1.0	-0.62	-500/-50		6
BCX18LT1	-30	-25	-500	225	100/600	-100/-1.0	-0.62	-500/-50		6
BCX19LT1	50	45	500	225	100/600	100/1.0	0.62	500/50		6
BCX20LT1	30	25	500	225	100/600	100/1.0	0.62	500/50		6
BCX70GLT1	45	45	200	225	120/220	2.0/5.0	0.35	10/0.25	125	6
BCX70JLT1	45	45	500	225	250/460	2.0/5.0	0.35	10/0.25	125	6
BCX70KLT1	45	45	500	225	380/630	2.0/5.0	0.35	10/0.25	125	6
BSS63LT1		-100	-100	225	30	-10/-1.0	-250	-25/-2.5	95	6
BSS64LT1	120	80	100	225	20	10/1.0	0.2	50/15	60	6
MMBT918LT1	30	15	50	225	20	3.0/1.0	0.4	10/1.0	600	6
MMBT2484LT1	60	60	50	225	250	1.0/5.0	0.35	10/0.1		6
MMBT5087LT1	-50	-50	-50	225	250/800	-100μA/-5.0	-0.3	-10/-1.0	40	6
MMBT5088LT1	35	30	50	225	300/900	100/5.0	0.5	10/1.0	50	6
MMBT5089LT1	30	25	50	225	400/1200	100/5.0	0.5	10/1.0	50	6
MMBT5401LT1	-160	-150	-500	225	60/240	-10/-5.0	-0.5	-50/-0.5	100	6



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					Min/Max	I _c /V _{CE} mA/Volts	Max Volts	I _c /I _B mA		
BC807-16LT1	-50	-45	-500	225	100/250	-100/-1.0	-0.7	-500/-50	200	6
BC807-25LT1	-50	-45	-500	225	160/400	-100/-1.0	-0.7	-500/-50	200	6
BC807-40LT1	-50	-45	-500	225	250/600	-100/1.0	-0.7	-55/-50	200	6
BC817-16LT1	50	45	500	225	100/250	100/1.0	0.7	500/50	200	6
BC817-25LT1	50	45	500	225	160/400	100/1.0	0.7	500/50	200	6
BC817-40LT1	50	45	500	225	250/600	100/1.0	0.7	500/50	200	6
BC846ALT1	80	65	100	225	110/220	2.0/5.0	0.6	100/5.0	100	6
BC846BLT1	80	65	100	225	200/450	2.0/5.0	0.6	100/5.0	100	6
BC847ALT1	50	45	100	225	110/220	2.0/5.0	0.6	100/5.0	100	6
BC847BLT1	50	45	100	225	200/450	2.0/5.0	0.6	100/5.0	100	6
BC847CLT1	50	45	100	225	420/800	2.0/5.0	0.6	100/5.0	100	6
BC848ALT1	30	30	100	225	110/220	2.0/5.0	0.6	100/5.0	100	6
BC848BLT1	30	30	100	225	200/450	2.0/5.0	0.6	100/5.0	100	6
BC848CLT1	30	30	100	225	420/800	2.0/5.0	0.6	100/5.0	100	6
BC849ALT1	30	30	100	225	110/220	2.0/5.0	0.6	100/5.0	100	6
BC849BLT1	30	30	100	225	200/450	2.0/5.0	0.6	100/5.0	100	6
BC849CLT1	30	30	100	225	420/800	2.0/5.0	0.6	100/5.0	100	6
BC850ALT1	50	45	100	225	110/220	2.0/5.0	0.6	100/5.0	100	6
BC850BLT1	50	45	100	225	200/450	2.0/5.0	0.6	100/5.0	100	6
BC850CLT1	50	45	100	225	420/800	2.0/5.0	0.6	100/5.0	100	6
BC856ALT1	-80	-65	-100	225	125/250	-2.0/-5.0	-0.65	-100/-5.0	100	6
BC856BLT1	-80	-65	-100	225	220/475	-2.0/-5.0	-0.65	-100/-5.0	100	6
BC857ALT1	-50	-45	-100	225	125/250	-2.0/-5.0	-0.65	-100/-5.0	100	6
BC857BLT1	-50	-45	-100	225	220/475	-2.0/-5.0	-0.65	-100/-5.0	100	6
BC857CLT1	-50	-45	-100	225	420/800	-2.0/-5.0	-0.65	-100/-5.0	100	6
BC858ALT1	-30	-30	-100	225	125/250	-2.0/-5.0	-0.65	-100/-5.0	100	6
BC858BLT1	-30	-30	-100	225	220/475	-2.0/-5.0	-0.65	-100/-5.0	100	6
BC858CLT1	-30	-30	-100	225	420/800	-2.0/-5.0	-0.65	-100/-5.0	100	6

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					Min/Max	I _C /V _{CE} mA/Volts	Max Volts	I _C /I _B mA		
MMBT5550LT1	160	140	600	225	60/250	10/5.0	0.25	50/5.0		6
MMBT5551LT1	160	140	600	225	80/250	10/5.0	0.20	50/5.0		6
MMBT6427LT1	40	40	500	225	10,000/100,000	10/5.0	1.2	50/0.5		6
MMBT6428LT1	60	50	200	225	250/650	0.1/0.5	0.6	100/5.0	100	6
MMBT6429LT1	55	45	200	225	500/1250	0.1/0.5	0.6	100/5.0	100	6
MMBT6517LT1	350	350	500	225	30/200	30/10	1.0	50/5.0	40	6
MMBT6520LT1	-350	-350	-500	225	30/200	-30/-10	-1.0	-50/-5.0	40	6
MMBT8599LT1	-80	-80	-500	225	100/300	-1.0/-5.0	-0.4	-100/-5.0	150	6
MMBTA05LT1	60	60	500	225	100	10/1.0	0.25	100/10	100	6
MMBTA06LT1	80	80	500	225	100	10/1.0	0.25	100/10	100	6
MMBTA13LT1	30	V _{CE(sat)} =30	300	225	5000	10/5.0	1.5	100/0.1	125	6
MMBTA14LT1	30	V _{CE(sat)} =30	300	225	10,000	10/5.0	1.5	100/0.1	125	6
MMBTA20LT1		40	100	225	40/400	5.0/10	0.25	10/1.0	125	6
MMBTA42LT1	300	300	500	225	40	30/10	0.5	2.0	50	6
MMBTA43LT1	200	200	500	225	40	30/10	0.5	2.0	50	6
MMBTA55LT1	-60	-60	-500	225	100	-10/-1.0	-0.25	-100/-10	50	6
MMBTA56LT1	-80	-80	-500	225	100	-10/-1.0	-0.25	-100/-10	50	6
MMBTA63LT1	-30	V _{CE(sat)} =30	-500	225	5,000	-10/5.0	-1.5	-100/0.1	125	6
MMBTA64LT1	-30	V _{CE(sat)} =30	-500	225	10,000	-10/5.0	-1.5	-100/0.1	125	6
MMBTA70LT1		-40	-100	225	40/400	-5.0/-10	-0.25	-10/-1.0	125	6
MMBTA92LT1	-300	-300	-500	225	25	-30/-10	-0.5	-20/-2.0	50	6
MMBTA93LT1	-200	-200	-500	225	25	-30/-10	-0.5	-20/-2.0	50	6
MMBTH10LT1	30	25		225	60	4.0/10	0.5	4.0/0.4	650	6
MMBTH24LT1	40	30	50	225	30	8.0/10			620	6
MMBTH69LT1	-15	-15		225	30/300	-10/-10			2000	6
MMBTH81LT1	-20	-20		225	60	-5.0/-10	-0.5	-5.0/0.5	600	6