

TO-92 Plastic Package Transistors (PNP)

Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)															
Type No.	V _{CBO} (V)	V _{CEO} (V)	V _{EB0} (V)	P _D (W)	I _C (A)	I _{CBO} (μA)	V _{CB} (V)	I _{CES} (μA)	V _{CE} (V)	h _{FE} @	I _C & V _{CE}	V _{CE(SAT)} (V)	V _{BE(SAT)} (V)	I _C (mA)	C _{ob} (pF)	f _i (MHz)	I _C (mA)	t _{on} (ns)	N _F (dB)	@ Freq (MHz)	C _{re} (pF)	CDIL Case Style
	Min	Min	Min	@Tc=25°C		Max	@ (V)	Max	@ (V)	Min Max	(mA) (V)	Max Min	Max		Typ Max	Min Typ Max		Max	Max		Max	
BC559A	30	30	5	0.5	0.1	0.15	30			125 260	2 5	0.3 0.65		10 100	6	150 200	10		4	0.001		TO-92-4
BC559B	30	30	5	0.5	0.1	0.15	30			220 475 100	2 5 0.01 5	0.3 0.65		10 100	6	150 200	10		4	0.001		TO-92-4
BC559C	30	30	5	0.5	0.1	0.15	30			420 800 100	2 5 0.01 5	0.3 0.65		10 100	6	150 200	10		4	0.001		TO-92-4
BC560	50	45	5	0.5	0.1	0.15	30			125 800	2 5	0.3 0.65		10 100	6	150 200	10		4	0.001		TO-92-4
BC560A	50	45	5	0.5	0.1	0.15	30			125 250	2 5	0.3 0.65		10 100	6	150 200	10		4	0.001		TO-92-4
BC560B	50	45	5	0.5	0.1	0.15	30			220 475 100	2 5 0.01 5	0.3 0.65		10 100	6	150 200	10		4	0.001		TO-92-4
BC560C	50	45	5	0.5	0.1	0.15	30			420 800 100	2 5 0.01 5	0.3 0.65		10 100	6	150 200	10		4	0.001		TO-92-4
BC636	45	45	5	0.8	1.0	0.1	30			25 40 25	5 250 500	2 2 2	0.5	500		50	10					TO-92-1
BC636-10	45	45	5	0.8	1.0	0.1	30			25 63 25	5 160 500	2 2 2	0.5	500	9	150						TO-92-1
BC636-16	45	45	5	0.8	1.0	0.1	30			25 100 25	5 250 500	2 2 2	0.5	500	9	150	50					TO-92-1
BC638	60	60	5	0.8	1.0	0.1	30			25 40 25	5 160 500	2 2 2	0.5	500		50	10					TO-92-1
BC638-10	60	60	5	0.8	1.0	0.1	30			25 100 25	5 250 500	2 2 2	0.5	500	9	150	50					TO-92-1
BC638-16	60	60	5	0.8	1.0	0.1	30			25 100 25	5 250 500	2 2 2	0.5	500	9	150	50					TO-92-1
BC640	80	80	5	0.8	1.0	0.1	30			25 40 25	5 160 500	2 2 2	0.5	500		50	10					TO-92-1
BC640-10	80	80	5	0.8	1.0	0.1	30			25 63 25	5 160 500	2 2 2	0.5	500	9	150	50					TO-92-1
BC640-16	80	80	5	0.8	1.0	0.1	30			25 100 25	5 250 500	2 2 2	0.5	500	9	150	50					TO-92-1
BCX78	32	32	5	0.625	0.1			0.01	32	120 630 80 1000 40 100 20	2 5 10 1 100 1 0.01 5	0.6	1	100	4.5				6	0.001		TO-92-4