

# TO-92 Plastic Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																						
Type No.	V <sub>CBO</sub> (V)	V <sub>CEO</sub> (V)	V <sub>EBO</sub> (V)	P <sub>D</sub> (W)	I <sub>C</sub> (A)	I <sub>CBO</sub> (μA)	V <sub>CB</sub> (V)	I <sub>CES</sub> (μA)	V <sub>CE</sub> (V)	h <sub>FE</sub> @		I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	V <sub>CE(SAT)</sub> (V)		V <sub>BE(SAT)</sub> (V)	I <sub>C</sub> (mA)	C <sub>ob</sub> (pF)		f <sub>t</sub> (MHz)			t <sub>on</sub> (ns)	N <sub>F</sub> (dB)	@ Freq (MHz)	C <sub>re</sub> (pF)	CDIL Case Style	
	Min	Min	Min	@ Tc=25°C	Max					Min	Max			Max	Min			Max	Max	Min	Max	Typ						Max
BC258C	30	25	5	0.3	0.1			0.1	20	380	800	2	5	0.2	0.6	0.8	10	6		130	10			10			TO-92-1	
BC259	30	25	5	0.3	0.05			0.1	20	180	800	2	5	0.2		0.8	10	6		130	10			4			TO-92-1	
BC259B	30	25	5	0.3	0.05			0.1	20	180	460	2	5	0.2		0.8	10	6		130	10			4			TO-92-1	
BC259C	30	25	5	0.3	0.05			0.1	20	380	800	2	5	0.2		0.8	10	6		130	10			4			TO-92-1	
BC307	50	45	5	0.35	0.1			0.015	45	120	800	2	5	0.3			10	6		280	10			10			TO-92-4	
BC307A	50	45	5	0.35	0.1			0.015	50	120	220	2	5	0.3			10	6		280	10			10			TO-92-4	
BC307B	50	45	5	0.35	0.1			0.015	50	200	460	2	5	0.3			10	6		280	10			10	0.001		TO-92-4	
BC307C	50	45	5	0.35	0.1			0.015	50	420	800	2	5	0.3			10	6		280	10			10			TO-92-4	
BC308	30	25	5	0.35	0.1			0.015	30	120	800	2	5	0.3		2		6		320	10			10			TO-92-4	
BC308A	30	25	5	0.35	0.1			0.015	30	120	220	2	5	0.3			10	6		320	10			10			TO-92-4	
BC308B	30	25	5	0.35	0.1			0.015	30	200	460	2	5	0.3			10	6		320	10			10	0.001		TO-92-4	
BC308C	30	25	5	0.35	0.1			0.015	30	420	800	2	5	0.3			10	6		320	10			10			TO-92-4	
BC309	30	25	5	0.35	0.1			0.015	30	120	800	2	5	0.3			10	6		360	10			4			TO-92-4	
BC309A	30	25	5	0.35	0.1			0.015	30	120	800	2	5	0.3			10	6		360	10			4			TO-92-4	
BC309B	30	25	5	0.35	0.1			0.015	30	200	460	2	5	0.3			10	6		360	10			4			TO-92-4	
BC309C	30	25	5	0.35	0.1			0.015	30	420	800	2	5	0.3			10	6		360	10			4			TO-92-4	
BC327	50	45	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8	4		100	10			4			TO-92-4	
										100	630	100	1															
BC327-10	50	45	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8			100	10			4			TO-92-4	
										63	160	100	1															
BC327-16	50	45	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8			100	10			4			TO-92-4	
										100	250	100	1															
BC327-25	50	45	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8			100	10			4			TO-92-4	
										160	400	100	1															
BC327-40	50	45	5	0.625	0.8	0.1	20			250	600	100	1	0.7		500	8			100	10			4			TO-92-4	
										40	300	1																
BC327A	60	60	5	0.625	0.8	0.1	20			100	400	100	1	0.7		500				100	10			4			TO-92-4	
										40	300	1																
BC328	30	25	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8	4		100	10			4			TO-92-4	
										100	630	100	1															
BC328-10	30	25	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8	4		100	10			4			TO-92-4	
										63	160	100	1															
BC328-16	30	25	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8			100	10			4			TO-92-4	
										100	250	100	1															
BC328-25	30	25	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8			100	10			4			TO-92-4	
										160	400	100	1															
BC328-40	30	25	5	0.625	0.8	0.1	20			40	300	1		0.7		500	8			100	10			4			TO-92-4	
										250	630	100	1															