

# TO-92 Plastic Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																		
Type No.	V <sub>CB0</sub> (V) Min	V <sub>CEO</sub> (V) Min	V <sub>EB0</sub> (V) Min	P <sub>D</sub> (W) @Tc=25°C	I <sub>C</sub> (A)	I <sub>CB0</sub> (μA) Max	V <sub>CB</sub> (V) @ I <sub>C</sub>	I <sub>CES</sub> (μA) Max	V <sub>CE</sub> (V) @ I <sub>CES</sub>	h <sub>FE</sub> @ I <sub>C</sub> & V <sub>CE</sub>	V <sub>CE(SAT)</sub> (V) Max	V <sub>BE(SAT)</sub> (V) Min	I <sub>C</sub> (mA) @ V <sub>BE(SAT)</sub>	C <sub>ob</sub> (pF) Typ	f <sub>t</sub> (MHz) Min	f <sub>t</sub> (MHz) Typ	f <sub>t</sub> (MHz) Max	t <sub>off</sub> (ns) Max	N <sub>F</sub> (dB) Max	Freq (MHz) @	C <sub>in</sub> (pF) Max	CDIL Case Style		
CC327-16	50	45	5	0.625	0.5	0.1	20			40 500 1 100 250 100 1	0.7		500	8	100		10						TO-92-1	
CC327-25	50	45	5	0.625	0.5	0.1	20			40 500 1 160 400 100 1	0.7		500	8	100		10							TO-92-1
CC327-40	50	45	5	0.625	0.5	0.1	20			40 500 1 250 600 100 1	0.7		500	8	100		10							TO-92-1
CC328	30	25	5	0.625	0.5	0.1	20			40 500 1 100 600 100 1	0.7		500	8	100		10							TO-92-1
CC328-16	30	25	5	0.625	0.5	0.1	20			40 500 1 100 250 100 1	0.7		500	8	100		10							TO-92-1
CC328-25	30	25	5	0.625	0.5	0.1	20			40 500 1 160 400 100 1	0.7		500	8	100		10							TO-92-1
CC328-40	30	25	5	0.625	0.5	0.1	20			40 500 1 250 600 100 1	0.7		500	8	100		10							TO-92-1
CD636	45	45	5	0.8	0.5	0.1	30			25 5 2 40 250 150 2 25 500 2	0.5		500	9	150		50							TO-92-4
CD638	60	60	5	0.8	0.5	0.1	30			25 5 2 40 160 150 2 25 500 2	0.5		500	9	150		50							TO-92-4
CD640	80	80	5	0.8	0.5	0.1	30			25 5 2 40 150 2 25 160 500 2	0.5		500	9	150		50							TO-92-4
CD8550B	30	25	5		2	0.5	20			85 160 100 1	0.5	1.3	500	35	100		100							TO-92
CD8550C	30	25	5		2	0.5	20			120 200 100 1	0.5	1.3	500	35	100		100							TO-92
CD8550D	30	25	5		2	0.5	20			160 300 100 1	0.5	1.3	500	35	100		100							TO-92
CD9012	40	30	5	0.625	0.5	0.1	25			64 465 50 1	0.2 0.4	1 1.2	150 500	10	200		50		6	0.001				TO-92
CD9012D	40	30	5	0.625	0.5	0.1	25			64 91 50 1	0.2 0.4	1 1.2	150 500	10	200		50		6	0.001				TO-92
CD9012E	40	30	5	0.625	0.5	0.1	25			78 112 50 1	0.2 0.4	1 1.2	150 500	10	200		50		6	0.001				TO-92
CD9012F	40	30	5	0.625	0.5	0.1	25			96 135 50 1	0.2 0.4	1 1.2	150 500	10	200		50		6	0.001				TO-92
CD9012G	40	30	5	0.625	0.5	0.1	25			118 166 50 1	0.2 0.4	1 1.2	150 500	10	200		50		6	0.001				TO-92
CD9012H	40	30	3	0.625	0.5	0.1	25			144 202 50 1	0.2 0.4	1 1.2	150 500	12	200		100		6	0.001				TO-92
CD9012I	40	30	5	0.625	0.5	0.1	25			180 350 50 1	0.2 0.4	1 1.2	150 500	10	200		50		6	0.001				TO-92
CD9012J	40	30	5	0.625	0.5	0.1	25			278 465 50 1	0.2 0.4	1 1.2	150 500	10	200		50		6	0.001				TO-92
CD9015	50	50	5	0.625	0.1	0.05	50			60 1000 1 5	0.2 0.5	0.85 0.95	10 100	3.5	125		10		4	0.001				TO-92

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