

TO-92 Plastic Package Transistors (NPN)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																				
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @ Tc=25°C	I _C (A)	I _{CBO} (μA) Max	V _{CB} @ (V)	I _{CES} (μA) Max	V _{CE} @ (V)	h _{FE}	β	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Max	I _C @ (mA)	C _{ob} (pF) Typ	f _T (MHz) Min	β @ (Max)	I _C (mA)	t _{off} (ns) Max	N _F (dB) Max	@ Freq (MHz)	C _{re} (pF) Max	CDIL Case Style	
CSC1674Y	30	20	4	0.25	0.02	0.1	30			120	240	1	6	0.5		10			400	600	1					TO-92
CSC1675	50	30	5	0.25	0.05	0.1	50			40	240	1	6	0.3		10	2.5		150	260	1					TO-92
CSC1675O	50	30	5	0.25	0.05	0.1	50			70	140	1	6	0.3		10	2.5		150	260	1					TO-92
CSC1675R	50	30	5	0.25	0.05	0.1	50			40	80	1	6	0.3		10	2.5		150	260	1					TO-92
CSC1675Y	50	30	5	0.25	0.05	0.1	50			120	240	6	1	0.3		10	2.5		150	260	1					TO-92
CSC2240	160	140	6	0.625	0.6	0.05	100	0.01	45	70	700	2	5	0.2	1	10	6		120		1	8				TO-92
										80		10	5	0.5	1.2	50										
										40		50	5													
CSC2240A	180	160	6	0.625	0.6	0.05	120	0.01	45	70	700	2	5	0.2	1	10	6		120		1	8				TO-92
										80		10	5	0.5	1.2	50										
										40		50	5													
CSC2369	25	12	3	0.25		0.1	15			40	200	20	10				1		4500		20	3	1000			TO-92
CSD261	40	20	5	0.5	0.5	0.1	25			40	400	100	1	0.4		1.3	500									TO-92
CSD261G	40	20	5	0.5	0.5	0.1	25			200	400	100	1	0.4		1.3	500									TO-92
CSD261O	40	20	5	0.5	0.5	0.1	25			70	140	100	1	0.4		1.3	500									TO-92
CSD261R	40	20	5	0.5	0.5	0.1	25			40	80	100	1	0.4		1.3	500									TO-92
CSD261Y	40	20	5	0.5	0.5	0.1	25			120	240	100	1	0.4		1.3	500									TO-92
D100	60	50	5	0.5	1	0.05	40			50	280	150	1	0.6		150										TO-92-4
MPS2222	60	30	5	0.625	0.6	0.01	50			35		0.1	10	0.4		1.3	8	250		20						TO-92
										50		1	10	1.6		2.6										
										75		10	10													
										100	300	150	10													
										50		150	1													
										30		500	10													
MPS2222A	40	75	6	0.625	0.6	0.01	60			35		0.1	10	0.3	0.6	1.2	80	300		20						TO-92
										50		1	10	1		2										
										75		10	10													
										100	300	150	10													
										50		150	1													
										40		500	10													
MPS2369	40	15	5	0.625	0.2	0.4	20			20		100	2	0.25	0.7	0.85	4	500		10	1					TO-92
										40	120	10	1													
MPS2713	18	15	5	0.625	0.2	0.5	18			30	90	2	4.5	0.3		1.3										TO-92
MPS2714	18	15	5	0.625	0.2	0.5	18			75	225	2	4.5	0.3	0.6	1.3										TO-92
MPS3392	25	25	5	0.625	0.1	0.1	18			150	300	2	4.5				10									TO-92
MPS3393	25	25	5	0.625		0.1	18			90	180	2	4.5				10									TO-92
MPS3394	25	25	5	0.625	0.1	0.1	18			55	110	2	4.5				10									TO-92
MPS3395	25	25	5	0.625	0.1	0.1	18			150	500	2	4.5				10									TO-92
MPS3396	25	25	5	0.625	0.1	0.1	18			90	500	2	4.5				10									TO-92
MPS3397	25	25	5	0.625	0.1	0.1	18			55	500	2	4.5				10									TO-92
MPS3398	25	25	5	0.625	0.1	0.1	18			55	800	2	4.5				10									TO-92