

TO-92 Plastic Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																	
Type No.	V _{CB0} (V)	V _{CE0} (V)	V _{EB0} (V)	P _D (W)	I _C (A)	I _{CB0} (μA)	V _{CB} (V)	I _{CE0} (μA)	V _{CE} (V)	h _{FE} @	I _C & V _{CE} (mA)	V _{CE(SAT)} (V)	V _{BE(SAT)} (V)	I _C (mA)	C _{ob} (pF)	f _t (MHz)	t _{on} (ns)	N _F (dB)	Freq (MHz)	C _{in} (pF)	CDIL Case Style		
	Min	Min	Min	@Tc=25°C		Max	@	Max	@	Min	Max	Max	Min	Max	Typ	Max	Min	Typ	Max	Max	Max		
2N3702	40	25	5	0.625	0.6	0.1	20			60	300	50	5	0.25		50	12	100				TO-92-1	
2N3703	50	30	5	0.625	0.6	0.1	20			30	150	50	5	0.25		50	12	100				TO-92-1	
2N3905	40	40	5	0.625	0.2			*0.05	30	30		0.1	1	0.25	0.65	0.85	4.5	200		5		TO-92	
										40		1	1	0.4		0.95							
										50	150	10	1										
										30		50	1										
										15		100	1										
2N3906	40	40	5	0.625	0.2			*0.05	30	100	300	10	1	0.25	0.65	0.85	4.5	250		4		TO-92	
										60		0.1	1	0.4	0.95	50							
										80		1	1										
										60		50	1										
										30		100	1										
2N4058	30	30	6	0.625	0.05	0.1	20			100	400	0.1	5	0.7			10			5		TO-92-1	
2N4059	30	30	6	0.625	0.05	0.1	20			45	660	1	5	0.7			10					TO-92-1	
2N4061	30	30	6	0.625	0.05	0.1	20			90	330	1	5	0.7			10					TO-92-1	
2N4062	30	30	6	0.625	0.05	0.1	20			180	660	1	5	0.7			10					TO-92-1	
2N4125	30	30	4	0.625	0.2	0.05	20			50	150	2	1	0.4		0.95	4.5	200		5	100	TO-92	
										25		50	1										
2N4126	25	25	4	0.625	0.2	0.05	20			120	360	2	1	0.4		0.95	4.5	250		4	100	TO-92	
										60		50	1										
2N4249	60	60	5	0.625	0.05	0.01	40			100	300	0.1	5	0.25		10	10			6		TO-92	
2N4288	30	25	6	0.625	0.05	0.05	25			75		10	5	0.35		0.8	1	8		40	1	TO-92-1	
										150	600	1	5										
										100		0.1	5										
2N4289	60	45	7	0.625	0.05	0.01	45			75		10	5	0.35		0.8	1	8		40	1	4	TO-92-1
										150	600	1	5										
										100		0.1	5										
2N4290	30	20	5	0.625	0.5	0.5	20			50	300	100	10	0.4		1.5	10	100		10		TO-92-1	
										40		10	10										
										20		0.1	10										
2N4291	40	30	6	0.625	0.6	0.2	30			100	300	100	10	0.4		1.5	10	100		10		TO-92-1	
										50		10	10										
										30		0.1	10										
2N4402	40	40	5	0.625	0.6			*0.1	35	20		500	2	0.4	0.7	0.95	8.5	150		20	255	TO-92	
										50	150	150	2	0.75		1.3							
										50		10	1										
										30		1	1										
2N4403	40	40	5	0.625	0.6			*0.1	35	20		500	2	0.4	0.75	0.95	8.5	200		20	255	TO-92	
										100	300	150	2	0.75		1.3							
										100		10	1										
										60		1	1										
										30		0.1	1										
2N4964		40	4	0.625	0.05	0.1	30			40	400	5	10	0.25			10	4		125	5	TO-92	
2N4965	50	50				0.05	35			150		10	5	0.3			10	4		40	0.5	3	TO-92
										150		1	5										
										150	500	0.1	5										
2N4971	60	40	5	0.625	0.6	0.02	50			20		500	10	0.4		1.3	8	200		50	100	TO-92	
										40	120	150	10	1.6		2.6							
										35		10	10										
										25		1	10										
										20		0.1	10										

* NOTE : I_{CEX}