

TO-92 Plastic Package Transistors (PNP)

Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																			
Type No.	V _{CB0} (V)	V _{CEO} (V)	V _{EBO} (V)	P _D (W)	I _C (A)	I _{CB0} (μA)	V _{CB} (V)	I _{CES} (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 _i (MHz)	I _C (mA)	t _{on} (ns)	N _F (dB)	Freq (MHz)	C _m (pF)	CDIL Case Style				
	Min	Min	Min	@Tc=25°C	Max	Max	Max	Max	Min	Max	Min	Max	Min	Max	Typ	Max	Min	Typ	Max	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	10	4.5	200	10	5			TO-92		
										40		1	1	0.4		0.95	50									
										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	10	4.5	250	10	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									5		TO-92-1	
2N4059	30	30	6	0.625	0.05	0.1	20			45	660	1	5	0.7												TO-92-1
2N4061	30	30	6	0.625	0.05	0.1	20			90	330	1	5	0.7												TO-92-1
2N4062	30	30	6	0.625	0.05	0.1	20			180	660	1	5	0.7												TO-92-1
2N4125	30	30	4	0.625	0.2	0.05	20			50	150	2	1	0.4		0.95	50	4.5	200	10	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	50	4.5	250	10	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	100	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	100	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	150	8.5	150	20	255			TO-92		
										50	150	150	2	0.75		1.3	500									
										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	150	8.5	200	20	255			TO-92		
										100	300	150	2	0.75		1.3	500									
										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								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	150	8	200	50	100			TO-92		
										40	120	150	10	1.6		2.6	500									
										35		10	10													
										25		1	10													
										20		0.1	10													

* NOTE : I_{CEX}