

TO-92 Plastic Package Transistors (PNP)

Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																		
Type No.	V _{CBO} (V)	V _{CEO} (V)	V _{EBO} (V)	P _D (W)	I _C (A)	I _{CBO} (μA)	V _{CB} (V)	I _{CE(S)} (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)	@	I _C (mA)	t _{off} (ns)	N _F (dB)	@ Freq (MHz)	C _{re} (pF)	CDIL Case Style	
	Min	Min	Min	@ Tc=25°C	Max	Max	Max	Max	Min	Max	Min	Max	Max	Min	Max	Typ	Max	Min	Typ	Max	Max	Max	Max	Max	
MPSA93	200	200	5	0.625	0.5	0.25	160			25	1	10	0.4	0.9	20	8	50		10					TO-92	
										40		10													
										25		30													
MPSL51	100	100	4	0.625	0.6	1	50			40	250	50	0.25	1.2	10	8	60		10					TO-92	
													0.3	1.2	50										
P2N2907	60	40	5	0.625	0.6	0.02	50			35		0.1	0.4	1.3	150	8	200		50		100			TO-92-4	
										50		1	1.6	2.6	5000										
										75		10													
										100	300	150													
										30		500													
P2N2907A	60	60	5	0.625	0.6	0.01	50			75		0.1	0.4	1.3	150	8	200		50		100			TO-92-4	
										100		1	1.3	2.6	500										
										100		10													
										100	300	150													
										50		500													
PN2906	60	40	5	0.625	0.6	0.02	50			20		500	0.4	1.3	150	8	200		50		100			TO-92	
										40	120	150	1.6	2.6	500										
										35		10													
										25		1													
										20		0.1													
PN2906A	60	60	5	0.625	0.6	0.01	50			40		500	0.4	1.3	150	8	200		50	100				TO-92	
										40	120	150	1.6	2.6	500										
										40		10													
										40		1													
										40		0.1													
PN2907	60	40	5	0.625	0.6	0.02	50			30		500	0.4	1.3	150	8	200		50	100				TO-92	
										100	300	150	1.6	2.6	500										
										75		10													
										50		1													
										35		0.1													
PN2907A	60	60	5	0.625	0.6	0.02	50			50		500	0.4	1.3	150	8	200		50	100				TO-92	
										100	300	150	1.6	2.6	500										
										100		10													
										100		1													
										75		0.1													
PN3638	25	25	4	0.625	0.6			0.035	15	20		300	0.25	1.1	50	10	150		50	170				TO-92	
										20		50	1	0.8	2	300									
										30		10													
PN3638A	25	25	4	0.625	0.5			0.025	15	20		300	0.25	1.1	50	10	150		50	170				TO-92	
										100		50	1	0.8	2	300									
										100		10													
										80		1													
PN3644	45	45	5	0.625	0.6			0.035	30	20		300	0.25	1	50	8	200		20	100				TO-92	
										100	300	150	0.4	1.3	150										
										80	240	50	1	0.8	2	300									
										100		10													
										80		1													
										40		0.1													
PN3645	60	60	5	0.625	0.6			0.035	50	40		0.1	0.4	1.3	150	8	200		20	100				TO-92	
										80		1	1	2	300										
										100		10	0.25	0.8	1	50									
										100	300	150													
										20		300													
										80	240	50													
PN4142	60	40	5	0.625	0.6					20		500	0.4	1.3	150	8	200		50	100				TO-92	
										20		150	1.6	2.6	500										
										40	120	150													
										35		10													
										25		1													
										20		0.1													