

TO-92 Plastic Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																			
Type No.	V _{CB0} (V) Min	V _{CEO} (V) Min	V _{EB0} (V) Min	P _D (W) @Tc=25°C	I _C (A)	I _{CB0} (μA) Max	V _{CB} (V) @ I _C	I _{CES} (μA) Max	V _{CE} (V) @ I _{CES}	h _{FE}	β	I _C & V _{CE} (mA) (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min	I _C (mA) Max	C _{ob} (pF) Typ	f _i (MHz) Min	β	I _C (mA) Max	t _{off} (ns) Max	N _F (dB) Max	@ Freq (MHz)	C _{re} (pF) Max	CDIL Case Style	
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 10													
										25		30 10													
MPSL51	100	100	4	0.625	0.6	1	50			40	250	50 5	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 10	0.4		1.3	150	8	200		50		100			TO-92-4
										50		1 10	1.6		2.6	5000									
										75		10 10													
										100	300	150 10													
										30		500 10													
P2N2907A	60	60	5	0.625	0.6	0.01	50			75		0.1 10	0.4		1.3	150	8	200		50		100			TO-92-4
										100		1 10	1.3		2.6	500									
										100		10 10													
										100	300	150 10													
										50		500 10													
PN2906	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													
PN2906A	60	60	5	0.625	0.6	0.01	50			40		500 10	0.4		1.3	150	8	200		50	100				TO-92
										40	120	150 10	1.6		2.6	500									
										40		10 10													
										40		1 10													
										40		0.1 10													
PN2907	60	40	5	0.625	0.6	0.02	50			30		500 10	0.4		1.3	150	8	200		50	100				TO-92
										100	300	150 10	1.6		2.6	500									
										75		10 10													
										50		1 10													
										35		0.1 10													
PN2907A	60	60	5	0.625	0.6	0.02	50			50		500 10	0.4		1.3	150	8	200		50	100				TO-92
										100	300	150 10	1.6		2.6	500									
										100		10 10													
										100		1 10													
										75		0.1 10													
PN3638	25	25	4	0.625	0.6			0.035	15	20		300 2	0.25		1.1	50	10	150		50	170				TO-92
										20		50 1	1	0.8	2	300									
										30		10 10													
PN3638A	25	25	4	0.625	0.5			0.025	15	20		300 2	0.25		1.1	50	10	150		50	170				TO-92
										100		50 1	1	0.8	2	300									
										100		10 10													
										80		1 10													
PN3644	45	45	5	0.625	0.6			0.035	30	20		300 2	0.25		1	50	8	200		20	100				TO-92
										100	300	150 10	0.4		1.3	150									
										80	240	50 1	1	0.8	2	300									
										100		10 10													
										80		1 10													
										40		0.1 10													
PN3645	60	60	5	0.625	0.6			0.035	50	40		0.1 10	0.4		1.3	150	8	200		20	100				TO-92
										80		1 10	1		2	300									
										100		10 10	0.25	0.8	1	50									
										100	300	150 10													
										20		300 2													
										80	240	50 1													
PN4142	60	40	5	0.625	0.6					20		500 10	0.4		1.3	150	8	200		50	100				TO-92
										20		150 1	1.6		2.6	500									
										40	120	150 10													
										35		10 10													
										25		1 10													
										20		0.1 10													