

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 _{CES} (μA) Max	V _{CE} (V) @	h _{FE} @	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min	I _C (mA) Max	C _{ob} (pF) Typ	f _T (MHz) Min	@	I _C (mA)	t _{on} (ns) Max	N _F (dB) Max	θ Freq (MHz) Max	C _{in} (pF) Max	CDIL Case Style	
MPS4355	60	60	5	0.625	0.5	0.05	50			75	500	10	0.15	0.9	150	30	100	500	50	400	3	0.001		TO-92	
										75	100	10	0.5	1.1	500										
										100	400	10	1	1.2	1000										
										75	1	10													
										60	0.1	10													
MPS4356	80	80	5	0.625	0.5	0.05	50			30	500	10	0.15	0.9	150	30	100	500	50	400	3	0.001		TO-92	
										40	100	10	0.5	1.1	500										
										50	250	10													
										40	1	10													
										25	0.1	10													
MPS6515	40	25	4	0.625	0.1	50	30			250	500	2	0.5		50	3.5								TO-92	
										150	100	10													
MPS6516	40	40	4	0.625	0.1	0.05	30			50	100	2	0.5		50	4								TO-92	
										30	100	10													
MPS6517	40	40	4	0.625	0.1	0.05	30			90	180	2	0.5		50	4								TO-92	
										60	100	10													
MPS6518	40	40	4	0.625	0.1	0.05	30			150	300	2	0.5		50	4								TO-92	
										90	100	5													
MPS6519	40	25	4	0.625	0.1	0.05	20			250	500	2	0.5		50	4								TO-92	
										150	100	10													
MPS6523	25	25	4	0.625	0.1	0.05	20			300	600	2	0.5		50	3.5	4				3			TO-92	
										150	0.1	10													
MPS6533	40	40	4	0.625	0.6	0.05	30			25		500	0.5	1	100	8									TO-92
										40	120	100													
										30		10	1												
MPS6534	40	40	4	0.625	0.6	0.05	30			50		500	0.3	1	100	8									TO-92
										90	270	100													
										60		10	1												
MPS6535	30	30	4	0.625	0.6	0.1	20			30		100	0.5	1.2	100	8								TO-92	
MPS6562	25	25	4	0.625	0.5	0.1	20			50	200	500	0.5		500	30	60		10						TO-92
										50		100													
										35		10	1												
MPS751	80	60	5	0.625	2	0.1	80			75		50	0.5		2000	75	50								TO-92
										75		500	0.3	1.2	1000										
										75		1000													
										40		2000													
MPS8598	60	60	6	0.625	0.5	0.1	60			100	300	1	0.4		100	8	150		10						TO-92
										100		10	0.3		100										
										75		100													
MPS8599	80	80	5	0.625	0.5	0.1	80			100	300	1	0.4		100	8	150		10						TO-92
										100		5	0.3		100										
										75		10													
MPSA55	60	60	4	0.625	0.5	0.1	60			50		100	0.25		100		50		100					TO-92	
										50		10													
MPSA56	80	80	4	0.625	0.5	0.1	80			50		100	0.25		100		50		100					TO-92	
										50		10													
*MPSA63	30		10	0.625	0.5	0.1	30			5		10	1.5		100		125			100				TO-92	
MPSA70		40	4	0.625	0.1	0.1	30			40	400	5	0.25		10	4	125			5				TO-92	
MPSA92	300	300	5	0.625	0.5	0.25	200			25		1	0.5	0.9	20	6	50		10						TO-92
										40		10													
										25		30	10												

* hFE Value are K.