

TO-92 Plastic Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																										
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°C	I _C (A)	I _{CBO} (μA) Max	V _{CB} (V) @ I _C	I _{CES} (μA) Max	V _{CE} (V) @ I _{CES}	h _{FE} @ I _C & V _{CE} (V)		V _{CE(SAT)} (V)			V _{BE(SAT)} (V) @ I _C (mA)			C _{ob} (pF)		f _t (MHz) @ I _C (mA)		t _{on} (ns) Max	N _F (dB) Max	Q @ Freq (MHz)	C _{re} (pF) Max	CDIL Case Style						
2N4972	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			
2N5086	50	50	3	0.625	0.05	0.01	10			150	10	5	0.3		10		4	40	1		3						TO-92					
										150		1																5				
										150	500	0.1																5				
2N5087	50	50	3	0.625	0.05	0.01	10			250	10	5	0.3		10		4	40	1		2						TO-92					
										250		1																5				
										250	800	0.1																5				
2N5142	20	20	4	0.625	0.6			0.05	12	15	300	10	0.5		1.5	50	10	100	50	200							TO-92					
										30		50																1	0.2	0.8	2.5	300
2N5143	20	20	4	0.625	0.6			0.05	12	15	300	10	0.5		1.5	50	10	100	50	200							TO-92					
										30		50																1	0.2	0.8	2.5	300
2N5221	15	15	3	0.625	0.6	0.1	10			30	600	50	10	0.5		1.1	150	15	100	20						TO-92						
2N5226	25	25	4	0.625	0.6	0.3	15			30	600	50	10	0.8	1	100	20	50	20								TO-92					
										25		10	10																			
2N5227	30	30	3	0.625	0.05	0.1	10			50	700	2	10	0.4	1		5	100	10								TO-92					
										30		0.1	10																			
2N5354	25	25	4	0.625	0.6	0.1	25			40	120	50	1	0.25		50	8										TO-92-1					
2N5355	25	25	4	0.625	0.6	0.1	25			100	300	50	1	0.25		50	8										TO-92-1					
2N5365	40	40	4	0.625	0.6	0.1	40	0.1	40	20	300	5	0.25	1.1	50	8	250	2									TO-92-1					
										40	120	50																1	1	2	300	
										32		2																10				
2N5366	40	40	4	0.625	0.6	0.1	40	0.1	40	40	300	5	0.25	1.1	50	8	250	2									TO-92-1					
										100	300	50																1	1	2	300	
										80		2																10				
2N5400	130	120	5	0.5	0.6	0.1	100			40	50	5	0.2	1	10	6	100	400	10		8						TO-92					
										40	180	10																5	0.5	1	50	
										30		1																5				
2N5401	160	150	5	0.625	0.6	0.05	120			50	50	5	0.2	1	10	6	100	300	10		8					TO-92						
										60	240	10															5	0.5	1	50		
										50		1															5					
2N5447	40	25	5	0.625	0.6	0.1	20			60	300	50	5	0.25		50	12	100	50							TO-92-4						
2N5448	50	30	5	0.625	0.5	0.1	20			30	150	50	5	0.25		50	12	100	50							TO-92-4						
2N5817	50	40	5	0.625	0.6	0.1	25	0.5	20	25	500	2	0.75	1.2	500	15	100	50								TO-92-4						
										100	200	2															2					
2N6076	25	25	5	0.625	0.1	0.1	25			100	500	10	10	0.25		0.8	10									TO-92-1						
2N6519	300	300	5	0.625	0.5	0.05	250			30	10	10	0.3	0.75	10	6	40	200	10	3.5							TO-92					
										45	30	10																0.35	0.85	20		
										45	270	50																10	0.5	0.9	30	
										40	200	100																10	1		50	
										20																		10				
2N6520	350	350	5	0.625	0.5	0.05	250			20	1	10	0.3	0.75	10	6	40	200	10	3.5							TO-92					
										30	10	10																0.35	0.85	20		
										30	200	30																10	0.5	0.9	30	
										20	200	50																10	1		50	
										15		100																10				