

TO-220 Power 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} Min	@ Max	I _C & (A)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min	V _{BE(SAT)} (V) Max	I _C (A)	C _{ob} (pF) Max	Typ	f _t (MHz) Min	Typ	@ Max	I _C (mA)
2N6107	80	70	5	40	7			* 100	75	30	150	2	4	3.5			7	250		10			500
										2.3		7	4	1			2						
2N6109	60	50	5	40	7			* 100	60	30	150	2.5	4	3.5			7	250		10			500
										2.3		7	4	1			2.5						
2N6111	40	30	5	40	7			* 100	40	30	150	3	4	3.5			7	250		10			500
										2.3		7	4	1			3						
2SA614	80	55	5	25	3	50	50			40	240	0.5	5	0.5			1						
2SA614O	80	55	5	25	3	50	50			70	140	0.5	5	0.5			1						
2SA614R	80	55	5	25	3	50	50			40	80	0.5	5	0.5			1						
2SA614Y	80	55	5	25	3	50	50			120	240	0.5	5	0.5			1						
2SA748	70	50	5	15	2	1	40			30		0.1	5	1		1.5	2			120			500
										50	220	1	5										
2SA748P	70	50	5	15	2	1	40			30		0.1	5	1		1.5	2			120			500
										50	100	1	5										
2SA748Q	70	50	5	15	2	1	40			30		0.1	5	1		1.5	2			120			500
										80	160	1	5										
2SA748R	70	50	5	15	2	1	40			30		0.1	5	1		1.5	2			120			500
										120	200	1	5										
2SA940	150	150	5	25	1.5	10	120			40	140	0.5	10	1.5			0.5	55		4			500
2SA968	160	160	5	25	1.5	1	160			70	240	0.1	5	1.5			0.5	30		100			100
2SB856	50	50	4	25	3	10	20			35	200	1	4	1.2			2	90		10			500
										35		0.1	4										
2SB856A	50	50	4	25	3	10	20			35	70	1	4	1.5			2	90		10			500
										35		0.1	4										
2SB856B	50	50	4	25	3	10	20			60	120	1	4	1.2			2	90		10			500
										35		0.1	4										
2SB856C	50	50	4	25	3	10	20			100	200	1	4	1.2			2	90		10			500
										35		0.1	4										
2SB857	70	50	5	40	4	1	50			60	320	1	4	1			2			15			500
										35		0.1	4										
2SB857B	70	50	5	40	4	1	50			60	120	1	4	1			2			15			500
										35		0.1	4										
2SB857C	70	50	5	40	4	1	50			100	200	1	4	1			2			15			500
										35		0.1	4										
2SB857D	70	50	5	40	4	1	50			160	320	1	4	1			2			15			500
										35		0.1	4										
2SB858	70	60	5	40	4	1	50			60	320	1	4	1			2			15			500
										35		0.1	4										
2SB858B	70	60	5	40	4	1	50			60	120	1	4	1			2			15			500
										35		0.1	4										