

TO-220 Power Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																	
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EB0} (V) Min	P _D (W) @Tc=25°C	I _C (A)	I _{CBO} (μA) Max	V _{CB} @ (V)	I _{CES} (μA) Max	V _{CE} @ (V)	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	I _C (mA) Max	
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										

* NOTE : I_{CEX}

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