

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	I _{CBO} (μA) Max	β @ V _{CB} (V)	h _{FE} @		I _C & V _{CE} (V)	V _{CE} (Sat) (V) Max	V _{BE} (Sat) (V) Min Max		β @ I _C (mA)	I _{CES} (μA) Max	V _{CE} (V)	C _{ob} (pF) Min Max	f _T @ (MHz) Min Max		I _C (mA)	t _{off} (ns) Max	NF (dB) Max	@ Freq (MHz)	C _{re} (pF) Max	CDIL Case Style
2SA537	60	50	5	0.050	30	50	160	50.00 4.0	0.50	1.10		150			35.0				350.0				TO-92-4
						20		400.00 4.0															
2SA537B	60	50	5	1.000	30	50	100	50.00 4.0	0.50	1.10		150			35.0				350.0				TO-92-4
						20		400.00 4.0															
2SA537C	60	50	5	1.000	30	80	160	50.00 4.0	0.50	1.10		150			35.0				350.0				TO-92-4
						20		400.00 4.0															
2SA673A	50	50	4	0.500	20	60	320	10.00 3.0	0.60			150											TO-92-1
						10		500.00 3.0															
2SA733	60	50	5	0.100	60	90	600	1.00 6.0	0.30			100			6.0	50	10		20.0	0.001			TO-92-1
2SA733K	60	50	5	0.100	60	300	600	1.00 6.0	0.30			100			6.0	50	10		20.0	0.001			TO-92-1
2SA733P	60	50	5	0.100	60	200	400	1.00 6.0	0.30			100			6.0	50	10		20.0	0.001			TO-92-1
2SA733Q	60	50	5	0.100	60	135	270	1.00 6.0	0.30			100			6.0	50	10		20.0	0.001			TO-92-1
2SA733R	60	50	5	0.100	60	90	180	1.00 6.0	0.30			100			6.0	50	10		20.0	0.001			TO-92-1
2SA1015	50	50	5	0.100	50	70	400	2.00 6.0	0.30	1.10		100			7.0	80	1		10.0	0.001			TO-92-1
						25		150.00 6.0															
2SA10150	50	50	5	0.100	50	70	140	2.00 6.0	0.30	1.10		100			7.0	80	1		10.0	0.001			TO-92-1
						25		150.00 6.0															
2SA1015GR	50	50	5	0.100	50	200	400	2.00 6.0	0.30	1.10		100			7.0	80	1		10.0	0.001			TO-92-1
						25		150.00 6.0															
2SA1015Y	50	50	5	0.100	50	120	240	2.00 6.0	0.30	1.10		100			7.0	80	1		10.0	0.001			TO-92-1
						25		150.00 6.0															
BC212	60	50	5	0.015	30	60		2.00 5.0	0.60	1.40		100			6.0	200	10		10.0	0.001			TO-92-4
						40		0.01 5.0															
												10											
												2											
CIL1115	50	50	6	0.100	50	90	500	1.00 6.0	0.30	1.10		100			7.0	200	10		20.0	0.100			TO-92-1
						25		150.00 6.0															
2N4289	60	45	7	0.010	45	75		10.00 5.0	0.35	0.80					1.0	8	40	1.0	4.0				TO-92-1
						150	600	1.00 5.0															
						100		0.10 5.0															
BC204	50	45	5	0.050	45	50	450	2.00 5.0	0.30			10							10.0				TO-92
BC251A	50	45	5			120	220	2.00 5.0	0.30			10	100 20	6.0					10.0	0.001			TO-92-4
							120	100.00	0.65			100											
BC251B	50	45	5			180	460	2.00 5.0	0.30			10	100 20	6.0					10.0	0.001			TO-92-4
							180	100.00	0.65			100											
BC251C	50	45	5			380	800	2.00 5.0	0.30			10	100 20	6.0					10.0	0.001			TO-92-4
									0.65			100											