

NPN Transistors



MEDIUM POWER (Continued)

Type No.	Case Style	VCBO (V) Min	VCER* VCEO (V) Min	VEBO (V) Min	ICES* ICBO (nA) @ VCB (V)		hFE @ IC & VCE				VCE(SAT) (V) & VBE(SAT) (V) @ IC (mA)		Cob (pF) Max	fT (MHz) @ IC (mA)		toff (ns) Max	NF (dB) Max	Test Conditions	Process No.	
					50 μA	60	Min	Max	1A	2A	5	Max		Min	Max					Min
2N2891	TO-39	100	80	5	50 μA	60	50	300	50	10	0.5	1.2	1A	70	30	200	15		3 (See page 1-27)	34
							36				0.75	1.3	2A							
							50	150	1A	2										
							40		2A	5										
2N5148	TO-39		80		1 μA	60	20	90	50	5	0.46	1.2	100	70	60	200				34
							30		1A	5										
							15		2A	5	0.85	1.5	200							
							5		3A	5										
2N5150	TO-39		80		1 μA	60	60	200	50	5	0.46	1.2	100	70	60	200				34
							70		1A	5										
							30		2A	5	5.0		3A							
							15		3A	5										
2N5336	TO-39		80		10 μA	80	30	120	600	2	0.7	1.2	2A		30	500	2200		7 (See page 1-27)	34
							30		2A	2	1.2	1.8	5A							
							20		5A	2										
2N5338	TO-39		100		10 μA	100	30	120	600	2	0.7	1.2	2A		30	500	2200		7 (See page 1-27)	34
							30		2A	2	1.2	1.8	5A							
							20		5A	2										
2N3440	TO-39		250		20 μA*	300	40	160	20	10										36
2N6591	TO-202 (55)	150	150	5	200	100	40	250	10	10	0.8		200							36
							40	200	100	10										
2N6592	TO-202 (55)	200	200	5	200	150	30	250	10	10	0.8		200							36
							40	200	100	10										
2N6593	TO-202 (55)	250	250	5	200	200	30	250	10	10	0.8		200							36
							30	200	100	10										
2N6720	TO-237 (91)	175	150	6	1 μA	150	25	50	50	10	0.5		100		30	300	50			36
							30		100	10										
							15		250	10										
							10	50	500	10										
2N6721	TO-237 (91)	225	200	6	1 μA	200	25	50	50	10	0.5		100		30	300	50			36
							30		100	10										
							15		250	10										
							10	50	500	10										
2N6722	TO-237 (91)	275	250	6	1 μA	250	25	50	50	10	0.5		100		30	300	50			36
							30		100	10										
							15		250	10										
							10	50	500	10										
2N6723	TO-237 (91)	325	300	6	1 μA	300	25	50	50	10	0.5		100		30	300	50			36
							30		100	10										
							15		250	10										
							10	50	500	10										