

NPN Transistors



MEDIUM POWER (Continued)

Type No.	Case Style	V _{CB0} (V) Min	V _{CER} * V _{CEO} (V) Min	V _{EBO} (V) Min	I _{CES} * (nA) @ V _{CB} (V)		h _{FE} @ I _C (mA) & V _{CE} (V)				V _{CE(SAT)} (V) & V _{BE(SAT)} (V) @ I _C (mA)			C _{ob} (pF) Max	f _T (MHz) @ I _C (mA)		t _{off} (ns) Max	NF (dB) Max	Test Conditions	Process No.
					Min	Max	Min	Max	Min	Max	Min	Max	Min		Max	Min				
BD137-6	TO-126	60	60	5	100	30	40	100	150	2	0.5		500		50	50				38
BD137-10	TO-126	60	60	5	100	30	25	160	150	2	0.5		500		50	50				38
BD345	TO-126	60	60	5	500	60	40	250	50	1	0.4		200	15	50	50				38
D40D1	TO-202 (55)		30		100*	45	50	150	100	1A	0.5		1.5	500						38
D40D2	TO-202 (55)		30		100*	45	20	360	100	1A	0.5		1.5	500						38
D40D3	TO-202 (55)		30		100*	45	10	290	100	1A			1.5	500						38
D40D4	TO-202 (55)		46		100*	60	50	150	100	1A	0.5		1.5	500						38
D40D5	TO-202 (55)		45		100*	60	10	360	100	1A	0.5		1.5	500						38
D40D6	TO-202 (55)		45		100*	60	50	150	100	1A	1.0		1.5	500						38
D40D7	TO-202 (55)		60		100*	60	50	150	100	1A	1.0		1.5	500						38
D40D8	TO-202 (55)		60		100*	75	10	360	100	2	1.0		1.5	500						38
D40D10	TO-202 (55)		75		100*	90	50	150	100	2	1.0		1.5	500						38
D40D11	TO-202 (55)		75		100*	90	10	360	100	2	1.0		1.5	500						38
D40D13	TO-202 (55)		75		100*	90	50	150	100	2	1.0		1.5	500						38
D40D14	TO-202 (55)		75		100*	90	120	360	100	2	1.0		1.5	500						38
D40E1	TO-202 (55)		30		100*	40	50	100	100	2	1.0		1.3	1A						38
D40E5	TO-202 (55)		60		100*	70	50	100	100	2	1.0		1.3	1A						38
D40E7	TO-202 (55)		80		100*	90	50	100	100	2	1.0		1.3	1A						38
MJE721	TO-126 (58)		60				40	150	1	1.0		1.3	1.5A							38
							20	500	1	0.15			150							
							8	1A	1	0.4			500							

136