

Medium Power Bipolar Transistors

Part Number	f (GHz)	P _{sat}				SAD			f _T (GHz)	P _{tot} (W)	I _c (mA)	Package Description	Pkg Code	Mounting	Part or Drawing Ref No.
		V _{CE} (V)	I _c (mA)	P _{in} (dBm)	TYP (dBm)	V _{CE} (V)	I _c (mA)	TYP (dB)							
NE46100	2.0	12.5	100	19	27	10	100	9.8	5.5	100	250	Chip	00	D	314
NE46134	1.0	12.5	100	20.5	27.5	10	50	9	5.5	100	250	SOT-89	34	D	314
NE461M02	1.0	12.5	100	19	27.5	10	50	11	5.5	120	250	Gain Improved SOT-89	M02	D	358
NE85634	1.0	10	40	13	22	10	40	11	6.5	120	100	SOT-89	34	D	338
NE856M02	1.0	10	40	10	22	10	50	14	6.5	120	100	Gain Improved SOT-89	M02	D	361

Bipolar Oscillator Transistors

Part Number	P _{osc}				f _{TYP} (GHz)	P _{tot} TYP	I _c MAX (mA)	Package Description	Pkg Code	Mounting	Part or Drawing Ref No.
	f (GHz)	V _{CE} (V)	I _c (mA)	TYP (W)							
NE94430	2.5	2.5	0.4	0.001	2.0	100	50	Surface Mount Plastic	30	D	342
NE94433	2.5	2.5	0.4	0.001	2.0	100	50	Surface Mount Plastic	33	D	342

Bipolar Switching Transistors

Part Number	V _{CE} (V)	I _c (mA)	f _{TYP} (GHz)	Optical Switching Times						SAD				f _{TYP} (GHz)	P _{tot} (W)	Package Description	Pkg Code	Mounting	Part or Drawing Ref No.
				V _{CE} (V)	I _c (mA)	Td(ON) (ns)	Tr (ns)	Td(OFF) (ns)	Tf (ns)	f (GHz)	V _{CE} (V)	I _c (mA)	TYP (dB)						
NE68100	10	0.2	9.0	8	15	0.3	-	0.2	-	2.0	8	20	11.0	100	65	Chip	00	D	322
NE68135	10	0.2	9.0	8	15	0.3	-	0.2	-	2.0	8	20	11.0	100	65	Low Cost Ceramic	35	D,CX,C	332
NE73435	10	0.55	3.0	-	-	-	-	-	-	1.0	10	10	9.3	80	50	Low Cost Ceramic	35	D,CX	362
NE68118	10	.25	9.0	8	15	0.4	-	0.3	-	1.0	8	20	15.0	100	65	Surface Mount Plastic	18	D	322
NE68119	3	.45	7.0	8	15	0.6	-	0.5	-	1.0	3	7	12.0	100	65	Surface Mount Plastic	19	D	322
NE73430	10	1.0	2.0	-	-	-	-	-	-	-	-	-	-	80	50	(SOT-323 Style)	30	D	362
NE68133	10	.35	9.0	8	15	0.4	-	0.3	-	1.0	8	20	13.0	100	65	(SOT-23)	33	D	322
NE73433	10	1.0	2.0	-	-	-	-	-	-	1.0	10	10	7.0	80	50	(SOT-23)	33	D	362