

Additional Small Signal Silicon Bipolar Products

T-31-17

PART NUMBER	PACKAGE CODE	ABSOLUTE MAXIMUM RATINGS				ELECTRICAL CHARACTERISTICS				
						hFE			Ccb	
		V _{CEO} (V)	I _c (mA)	P _T (W)	T _{STG} (°C)	V _{CE} (V)	I _c (mA)	TYP	V _{CB} (V)	(pF) TYP
NE32700	CHIP	12	50		-65 to +200	5	10	100	5	0.9
NE32702	02	12	50	0.25	-65 to +200	5	10	100	5	0.9
NE32708	08	12	50	0.25	-65 to +200	5	10	100	5	0.9
NE32740A	40A	12	50	0.30	-65 to +200	5	10	100	5	1.1
NE32740B	40B	12	50	0.30	-65 to +200	5	10	100	5	1.1
NE46700	CHIP	18	150			10	50	100	10	1.1
NE46734	34	18	150	2.00	-65 to +150	10	50	100	10	1.1
NE68039	39	10	35	0.20	-65 to +150	6	10	100	10	0.2
NE94430	30	15	50	0.15	-65 to +150	6	5	100	3	0.7

PART NUMBER	PACKAGE CODE	PERFORMANCE SPECIFICATIONS										
		V _{CE} (V)	I _c (mA)	f _T		S _{21E} ²		MAG (dB)	NF _{OPT}			G _A (dB)
				(GHz)	f (GHz)	(dB)	TYP		V _{CE} (V)	I _c (mA)	f (GHz)	
NE32700	CHIP	5	15	3	1.0		13					
NE32702	02	5	15	3	1.0	10	13	5	3	1.0	1.0	3.5
NE32708	08	5	15	3	1.0	10	13	5	3	1.0	3.4	8
NE32740A	40A	5	15	3			5					
NE32740B	40B	5	15	3								
NE46700	CHIP	10	50	4				10	30	0.5	2.4	12
NE46734	34	10	50	4	0.5	12.5		10	30	0.5	2.4	12
NE68039	39	6	10	10	2.0	8.0	10	6	5	2.0	1.8	9
NE94430	30	3	5	1.8								