

Additional Small Signal and Medium Power Silicon Bipolar Products

N E C/ CALIFORNIA

15E D ■ 6427414 0001517 6 ■

T-33-01
T-31-01

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PART NUMBER	PACKAGE CODE	ABSOLUTE MAXIMUM RATINGS				ELECTRICAL CHARACTERISTICS				
		V _{CEO} (V)	I _C (mA)	P _T (W)	T _{STG} °(C)	h _{FE}			C _{CB}	
						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	0.30	-65 to +200	5	10	100	5	0.9
NE32708	08	12	50	0.30	-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
NE59300	CHIP	-12	30			-10	10	60	-10	0.9
NE99532	32	18	250	0.60	-55 to +150	10	50	60	10	3.0

PART NUMBER	PACKAGE CODE	PERFORMANCE SPECIFICATIONS										
		f _T			S _{21E} ²		MAG (dB)	NF _{OPT}				G _A (dB)
		V _{CE} (V)	I _C (mA)	(GHz)	f (GHz)	(dB)		V _{CE} (V)	I _C (mA)	f (GHz)	(dB)	
				TYP			TYP					TYP
NE32700	CHIP	5	15	3.0	1.0		13	5	3	0.07	1.0	
NE32702	02	5	15	3.0	1.0	10	13	5	3	1.0	3.5	8.0
NE32708	08	5	15	3.0	1.0	10	13	5	3	1.0	3.4	8.0
NE32740A	40A	5	15	3.0			5					
NE32740B	40B	5	15	3.0								
NE46700	CHIP	10	50	4.0				10	30	0.5	2.4	12.0
NE46734	34	10	50	4.0	0.5	12.5		10	30	0.5	2.4	12.0
NE59300	CHIP	-10	10	2.5	1.0		7	-10	3	0.5	3.0	
									P _{OUT}			(dBm)
									V _{CE} (V)	P _{IN} (dBm)	f (GHz)	
NE99532	32	10	50	2.5	0.5	9.5	15		12.6	15	0.5	25