

NTE1339

Integrated Circuit

Module, Hybrid, Dual Driver for 80W to 90W Audio Power Amp

Features:

- Current Mirror Circuit Providing Low Distortion
- 2 Channel Package
- Dual Power Supply Operation
- Small Sized Package

Absolute Maximum Ratings: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

Supply Voltage, V_{CC} $\pm 65\text{V}$
 Operating Temperature, T_C 115°C
 Storage Temperature, T_{stg} -30° to $+115^\circ\text{C}$

Recommended Operating Characteristics: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

Supply Voltage, V_{CC} $\pm 47\text{V}$

Electrical Characteristics: ($T_A = +25^\circ\text{C}$, $V_G = 40\text{dB}$ unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Quiescent Current	I_{CC}	$V_{CC} = \pm 56\text{V}$	–	20	30	mA
Midpoint Voltage	V_N	$V_{CC} = \pm 56\text{V}$	–50	–	+50	mA
Output Noise Voltage	V_{NO}	$V_{CC} = \pm 56\text{V}$, $R_g = 10\text{k}\Omega$	–	–	1.0	mV
Input Resistance	r_i	$V_{CC} = \pm 56\text{V}$, $f = 1\text{kHz}$, $V_O = 2.83\text{V}$	–	92	–	$\text{k}\Omega$
Total Harmonic Distortion	THD	$V_{CC} = \pm 47\text{V}$, $f = 20\text{kHz}$, $V_O = 25.3\text{V}$	–	–	0.005	%

Pin Connection Diagram
(Front View)

