ELECTRONICS, INC.
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NTE1875
Integrated Circuit
Module, Dual AF PO, 30W/Ch, Dual Power Supply

DISCONTINUED

Features:
- Dual Power Supply
- For Optimum Performance, a Pre−Voltage Stage (such as NTE1338) is Required.

Absolute Maximum Ratings: (T_A = +25°C unless otherwise specified)

Supply Voltage, V_{CC}max . . . . . ±48V
Supply Current, I_C 4A
Thermal Resistance, Junction−to−Case, R_{thJC} . . . . . 2.1°C/W
Maximum Junction Temperature, T_J . . . . . +150°C
Storage Temperature Range, T_{stg} . . . . . −30° to +105°C
Available Time for Load Shorted (V_{CC} = ±30V, R_L = 8Ω, f = 50Hz, P_O = 30W), t_s 2sec

Recommended Operating Values: (T_A = +25°C unless otherwise specified)

Recommended Supply Voltage, V_{CC} . . . . . ±30V
Load Resistance, R_L 8Ω

Operating Characteristics: (T_A = +25°C, V_{CC} = ±30V, R_L = 8Ω, R_g = 600Ω, V_G = 26.3dB unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Quiescent Current	I_{CCO}	V_{CC} = ±34V	15	35	80	mA
Output Power	P_O	THD = 0.01%, f = 20Hz to 20kHz	30	–	–	W
Total Harmonic Distortion	THD	P_O = 1 to 30W, f = 20Hz to 20kHz	–	–	0.01	%
Output Resistance	R_O		0.18	0.22	0.30	Ω

Pin Connection Diagram
(Front View)