ELECTRONICS, INC.
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NTE1326
Integrated Circuit
Module, Hybrid, Audio Power Amp
24 Watt, 2 Power Supplies Required

Absolute Maximum Ratings: (T_A = +25°C unless otherwise specified)
Supply Voltage (V_{5-24}), V_{CC} . . . . . ±35V
Operating Case Temperature, T_C . . . . . 85°C
Storage Temperature Range, T_{stg} . . . . . –30 to +100°C
Available Load Shorting Time (V_{CC} = ±29V, f = 50Hz V_O = 14.2V/R_L, t_s 2sec

Recommended Operating Conditions: (T_A = +25°C unless otherwise specified)
Supply Voltage, V_{CC} . . . . . ±25V
Load Resistance, R_L 8Ω

Electrical Characteristics: (T_A = 25°C, V_{CC} = ±25V, R_L = 8Ω, R_g = 600Ω, V_G = 26.4dB)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Supply Current	I_{CCO}	V_{CC} = ±29V	–	50	100	mA
Output Power	P_O(1)	THD = 0.2%, f = 20 ~ 20kHz	24	–	–	W
	P_O(2)	THD = 0.2%, f = 1kHz	–	28	–	W
	P_O(3)	THD = 0.2%, V_{CC} = ±29V, f = 1kHz	–	40	–	W
Total Harmonic Distortion	THD(1)	P_O = 0.1 ~ 24W, f = 20 ~ 20kHz	–	–	0.2	%
	THD(2)	P_O = 1W, f = 1kHz	–	0.03	–	%
	f	P_O = 1W, +0dB –1dB	–	10~100k	–	Hz
Input Resistance	r_i	P_O = 1W, f = 1kHz	–	52k	–	Ω
Output Noise Voltage	V_{NO}	V_{CC} = ±29V, R_g = 10kΩ	–	0.3	0.5	mV_{rms}
	V_N	V_{CC} = ±29V	–70	–	+70	mV

Pin Connection Diagram