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NTE1073 Integrated Circuit AM-RF Amplifier, Mis, OSC FM-IF Amplifier

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

Supply Voltage, V_{4-6}	9.5V
Supply Current, I_{CC}	40mA
Power Dissipation, P_D	400mW
Operation Temperature Range, T_{opg}	-20° to $+75^\circ\text{C}$
Storage Temperature Range, T_{stg}	-65° to $+150^\circ\text{C}$

Electrical Characteristics: ($T_A = +25^\circ\text{C}$, $V_{CC} = 8.2\text{V}$ unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Output Voltage (AM)	$V_{O(AM)}$	MOD 400Hz 33%, $f = 450\text{kHz}$, $V_i = 33\mu\text{V}$	10	—	20	mV
Output Voltage (FM)	$V_{O(FM)}$	MOD 400Hz 30%, $f = 10.7\text{MHz}$, $V_i = 200\mu\text{V}$	5.4	—	20.5	mV
Total Circuit Current	I_{tot}		6	25	40	mA

Pin Connection Diagram

