

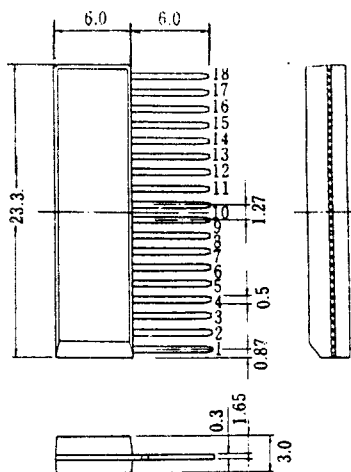
AN7256 FM 中频放大器和鉴频器

简要说明

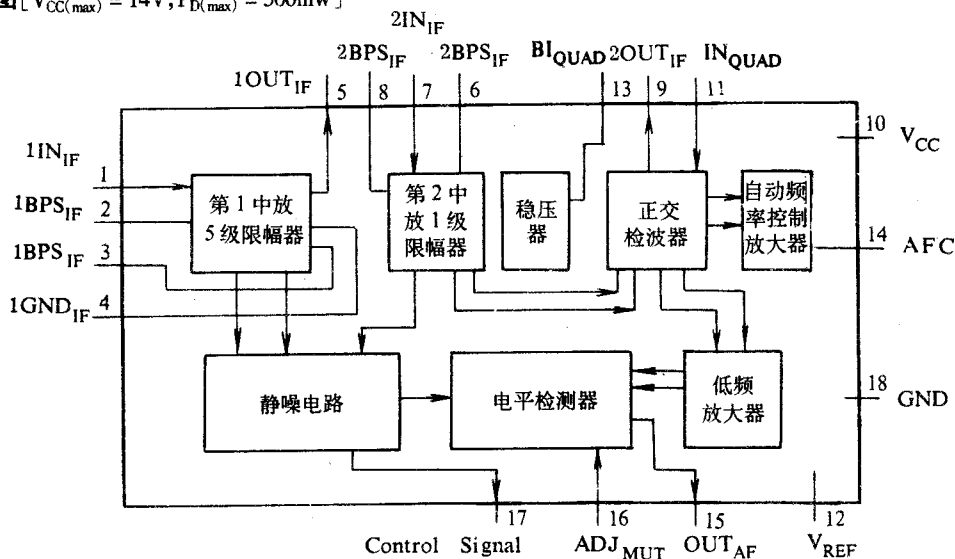
AN7256N 调频中放和鉴频器具有高增益、低失真性能。该电路使用正交检波, 外围元件数少, 调整方便。

该电路设有 AFC、自动音质控制(高切)和立体声分离度控制、静噪灵敏度(可自由)设定等功能。

外形图



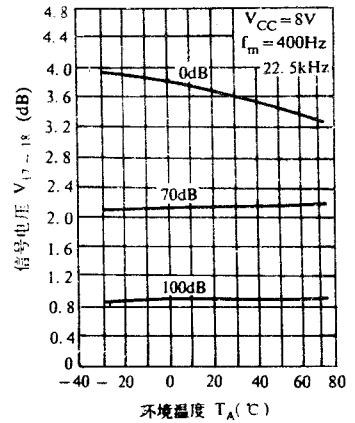
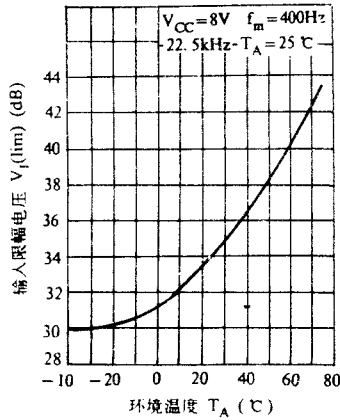
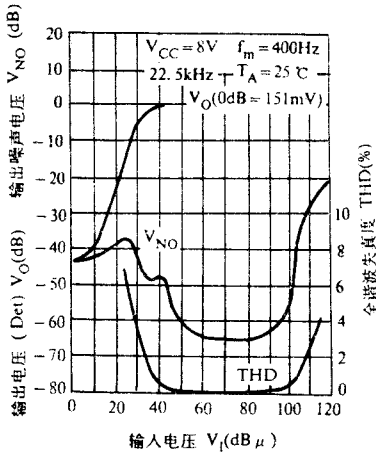
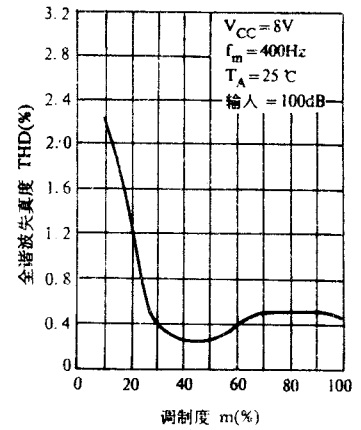
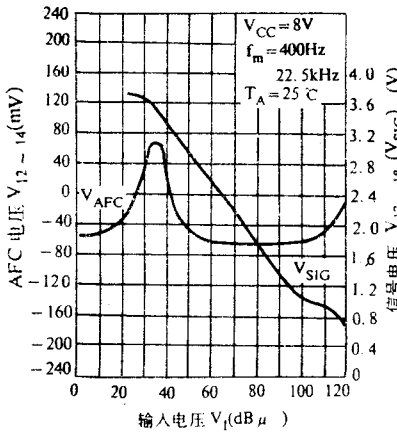
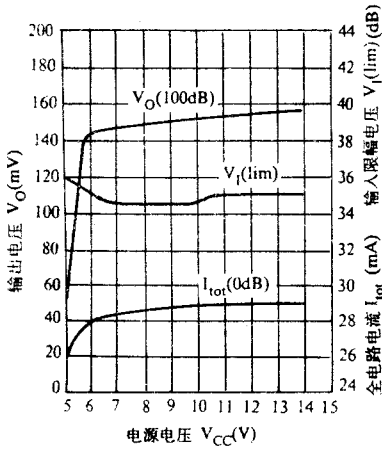
电路框图 [$V_{CC(max)} = 14V, P_{D(max)} = 500mW$]



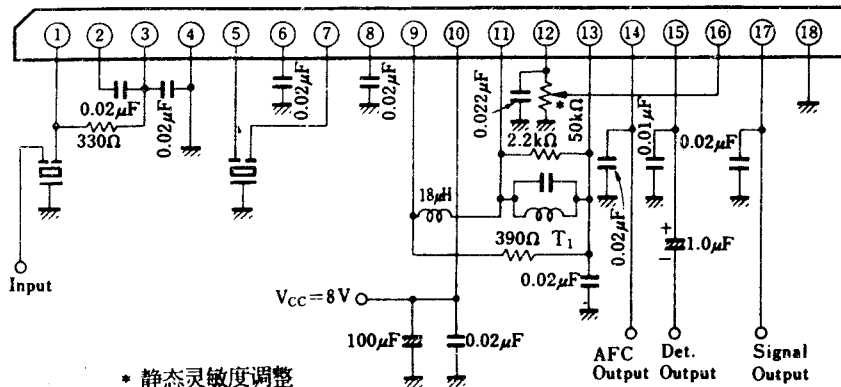
电参数 ($V_{CC} = 8V, f_{car} = 10.7MHz, f_m = 400Hz, m = 30%$)

输入限幅电压	$V_{I(lim)}$	$V_O = -3dB$ 时之输入电压	33.5dB μ
输出电压(Det)	V_O	15 端电压, $V_I = 70dB\mu$	165mV
输出失调电压(AFC)	$V_{O(offset)}$	14 - 12 端电压, 无信号时	-200mV
信号电压(1)	$V_{17-18(1)}$	17 端电压, 无信号时	3.75V
信号电压(2)	$V_{17-18(2)}$	17 端电压, $V_I = 70dB\mu$	1.82 ~ 2.48V
电源电流	I_{ox}	无信号时	20 ~ 40mA

特点与性能



典型应用



• 静态灵敏度调整