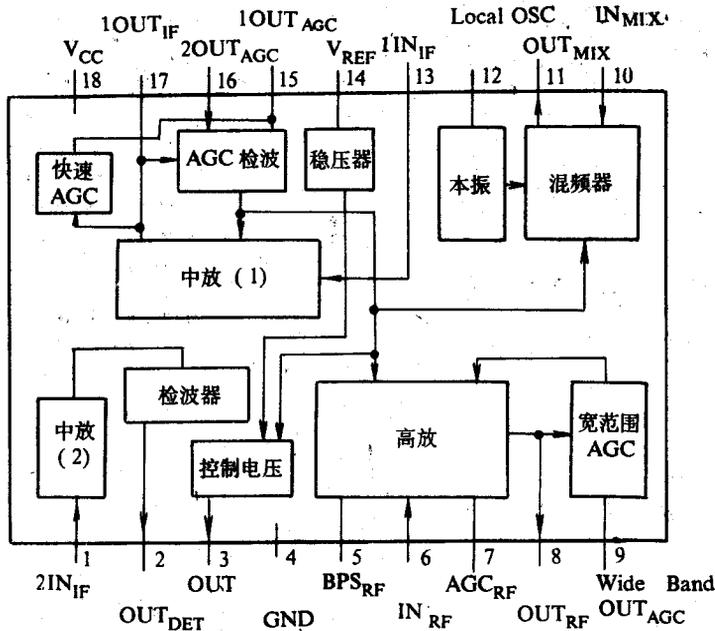


AN7250S	AM 调谐器
<p>简要说明</p> <p>AN7250S 调幅调谐器内含高频放大器、AGC 电路、宽范围 AGC 电路、信号控制电路等。</p> <p>该电路具有实用灵敏度高、AGC 范围宽、信噪比高、低噪声、弱场强时音质自动控制等特点，较适合汽车收音机使用。</p>	<p>外形图</p>

电路框图 [$V_{CC(max)} = 9V, P_{D(max)} = 210mW$]

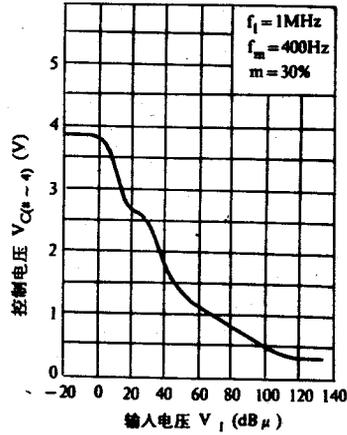
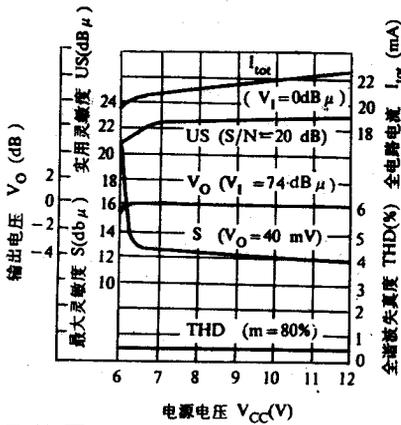
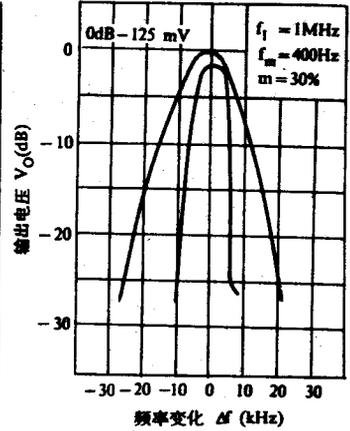
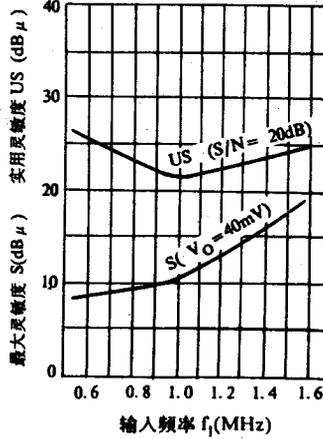
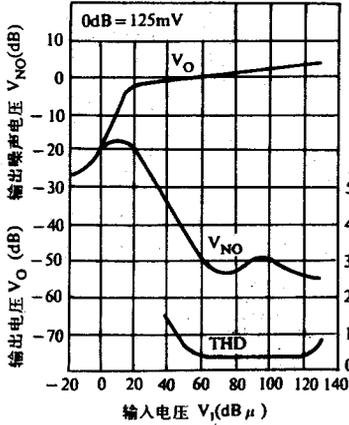


电参数 ($V_{CC} = 8V, f_i = 1MHz, f_m = 400Hz, m = 30%$)

最大灵敏度	S_{max}	$V_0 = 40mV$ 时之输入	13.5dB μ
检波输出电压	$V_{O(DET)}$	$V_1 = 74dB\mu$ 时之输出	130mV
信噪比	$(S+N)/N$	$V_1 = 26dB\mu$	$\geq 20dB$
控制电压(1)	$V_{3.4}$	$V_1 = 30dB\mu$	2.77V
控制电压(2)	$V_{3.4}$	$V_1 = 50dB\mu$	1.70V

全谐波失真度	THD	$V_I = 126\text{dB}\mu$	$\leq 3\%$
宽范围 AGC 电压	V_{WAB}	9 端电压 1.3V 时之输入电平	$77\text{dB}\mu$
电源电流	I_{tot}	无信号时	21mA

特点与性能



典型应用

