

产品型号	D358-25V
产品信息	双运算放大器
产品简介	D358 内部包含两个独立的, 高增益, 内部频率补偿的双运算放大器。适用于电压范围很宽的单电源, 而且也适用于双电源工作方式。在推荐的工作条件下, 与电源电压无关的低电源电压。
产品特点	<ul style="list-style-type: none"> ● 内部频率补偿 ● 大直流电压增益(约 100dB) ● 单位增益频带宽(约 1MHz)温度补偿 ● 电源电压范围宽: 单电源(3—25V); 双电源(± 1.5 — $\pm 15V$) ● 低电源电流—基本上独立的电源电压 (1 mW/op amp 在 +5 VDC) ● 温度补偿后低输入偏置电流: 45nA DC ● 低输入失调电压: 2 mVDC, 低输入失调电流: 50nADC ● 差分输入电压范围等于电源电压 ● 大输出电压摆幅: 0 VDC to $V+ - 1.5VDC$
典型应用	
工作原理图	<p>The diagram shows three typical op-amp configurations:</p> <ul style="list-style-type: none"> Single Supply Inverting Amplifier: The non-inverting input (+) is connected to a voltage divider consisting of two resistors, each labeled $\frac{V+}{2}$, connected to the positive supply rail $V+$ and ground. The inverting input (-) is connected to the input signal V_{IN} through a resistor R_{IN} and to the output V_O through a feedback resistor R_F. The output is also connected to a load resistor R_L to ground. Non-Inverting Amplifier: The non-inverting input (+) is connected to the input signal V_{IN} through a resistor $10\text{ k}\Omega$. The inverting input (-) is connected to ground through a resistor $10\text{ k}\Omega$ and to the output V_O through a feedback resistor R_F. Input Biasing Voltage Follower: The non-inverting input (+) is connected to the input signal V_{IN} through a resistor $10\text{ k}\Omega$. The inverting input (-) is connected to ground through a resistor $10\text{ k}\Omega$. The output V_O is connected back to the non-inverting input (+) through a resistor R_1. A note indicates "BLOCKS DC OFFSET".
通道	2
V_{in} 范围	3 to 25 V
输入失调电压	7 mV
输入失调电流	150 nA
I_{cc}	0.6 mA
I_{sink}	10 mA
封装形式	SOP-8 / DIP-8
购买	联系客服服务中心