

产品型号	D358-18V
产品信息	双运算放大器
产品简介	D358 包含两个独立的、高增益的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模式，在推荐的工作条件下，电源电流与电源电压无关。
产品特点	<p>在线性模式里，即使只有一个单电源电压操作，输入共模电压范围也包括接地和输出电压可以摆动到地面上。单位增益交叉频率和输入偏置电流都有温度补偿。</p> <ul style="list-style-type: none"> <li>● 内部频率补偿</li> <li>● 直流电压增益高 100 dB</li> <li>● 单位增益频率宽：1MHz 温度补偿</li> <li>● 电源电压范围：宽单电源（3-18VDC）；双电源（±1.5-±9 VDC）</li> <li>● 低功率电流 —基本独立的电源电压(1 mW/op amp 在 +5 VDC)</li> <li>● 低输入偏置电流：45 nA DC 温度补偿</li> <li>● 低输入失调电压：2 mVDC，低输入失调电流：50nA DC</li> <li>● 差分输入电压范围等于电源电压</li> <li>● 大输出电压摆幅 0 VDC 到 <math>V- 1.5</math> VDC</li> </ul>
典型应用	
工作原理图	<p>The figure shows three circuit diagrams for the D358 op-amp:</p> <ul style="list-style-type: none"> <li><b>Single Supply Inverting Amplifier:</b> Shows an op-amp with the non-inverting input (+) connected to a voltage divider consisting of two 10 kΩ resistors connected to <math>V+ / 2</math>. The inverting input (-) is connected to the input <math>v_{IN}</math> through a resistor <math>R_{IN}</math> and to the output <math>v_{O}</math> through a feedback resistor <math>R_F</math>. The output is also connected to a load resistor <math>R_L</math>.</li> <li><b>Input Biasing Voltage Follower:</b> Shows an op-amp configured as a voltage follower. The non-inverting input (+) is connected to the input <math>v_{IN}</math> through a 10 kΩ resistor. The inverting input (-) is connected to the output <math>v_{O}</math>. A feedback resistor <math>R_F</math> is connected between the output and the inverting input. A resistor <math>R_1</math> is connected between the non-inverting input and ground. The text "BLOCKS DC GAIN" is written near the input network.</li> <li><b>Non-Inverting Amplifier:</b> Shows an op-amp with the non-inverting input (+) connected to the input <math>v_{IN}</math> through a 10 kΩ resistor. The inverting input (-) is connected to ground through a 10 kΩ resistor. The output is <math>v_{O}</math>.</li> </ul>
通道	2
<b>V<sub>in</sub></b> 范围	3 to 18 V
输入失调电压	7 mV
输入失调电流	150 nA
<b>I<sub>cc</sub></b>	0.6 mA
<b>I<sub>sink</sub></b>	10 mA
封装形式	SOP-8 / DIP-8
购买	联系客服服务中心