


<b>Product</b>	D103
<b>Product Info</b>	Dual Operational Amplifier and Voltage Reference
<b>Description</b>	The D103 is a monolithic IC that includes one independent op-amp and another op-amp for which the non-inverting input is wired to a 2.5V fixed Voltage Reference. This device offers both space and cost savings in many applications such as power supply management or data acquisition systems.
<b>Features</b>	<ul style="list-style-type: none"> <li>● Low supply current: 350µA/OP. (@ VCC = 5V)</li> <li>● Medium bandwidth (unity gain): 0.9MHZ</li> <li>● Large output voltage swing: 0V to (VCC - 1.5V)</li> <li>● Input common mode voltage range includes ground</li> <li>● Wide power supply range: 3 to 32V ±1.5 to ±16V</li> <li>● 1.5kv ESD protection</li> <li>● Voltage reference</li> <li>● Fixed output voltage reference 2.5v</li> <li>● ±0.4% or ±0.7% voltage precision</li> <li>● Sink current capability : 1 to 100ma</li> <li>● Typical output impedance : 0.2</li> </ul>
<b>Applications</b>	
<b>Typical Application</b>	
<b>Fixoutput Voltage</b>	2.495 V
<b>VIN Range</b>	3 to 32 V
<b>Input offset Voltage</b>	5 mV
<b>Input offset Current</b>	150 nA
<b>Icc</b>	0.7 mA
<b>I sink</b>	1 to 100 mA
<b>Package</b>	SOP-8
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