



### **LM6144AIM Information**



For Reference Only

Part Number LM6144AIM

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 9MHZ RRO 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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### **LM6144AIM Specifications**

Manufacturer Part NumberLM6144AIMManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage14-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate25 V/μsGain Bandwidth Product9MHz-3db Bandwidth-Current - Input Bias174nAVoltage - Input Offset1.3mVCurrent - Supply750μACurrent - Output / Channel22mAVoltage - Supply, Single/Dual (±)1.8 V ~ 24 V, ±0.9 V ~ 12 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC		
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	LM6144AIM
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         25 V/μs           Gain Bandwidth Product         9MHz           -3db Bandwidth         -           Current - Input Bias         174nA           Voltage - Input Offset         1.3mV           Current - Supply         750μA           Current - Output / Channel         22mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 24 V, ±0.9 V ~ 12 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
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Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 174nA Voltage - Input Offset 1.3mV Current - Supply 750µA Current - Output / Channel 22mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 24 V, ±0.9 V ~ 12 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	25 V/μs
Current - Input Bias 174nA   Voltage - Input Offset 1.3mV   Current - Supply 750 $\mu$ A   Current - Output / Channel 22mA   Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 24 V, $\pm$ 0.9 V ~ 12 V   Operating Temperature -40°C ~ 85°C   Mounting Type Surface Mount   Package / Case 14-SOIC (0.154", 3.90mm Width)	Gain Bandwidth Product	9MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
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$\begin{tabular}{lll} Current - Output / Channel & 22mA \\ Voltage - Supply, Single/Dual (\pm) & 1.8 V ~ 24 V, \pm0.9 V ~ 12 V \\ Operating Temperature & -40°C ~ 85°C \\ Mounting Type & Surface Mount \\ Package / Case & 14-SOIC (0.154", 3.90mm Width) \\ \end{tabular}$	Voltage - Input Offset	1.3mV
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-	Mounting Type	Surface Mount
Supplier Device Package 14-SOIC	Package / Case	14-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	14-SOIC
Report errors		Report errors?

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#### **Quality Guarantees**

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## **LM6144AIM Shipping Methods**













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