



### **LMC6584BIN Information**



For Reference Only

Part Number LMC6584BIN

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1.2MHZ RRO 14DIP

**Package** 14-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **LMC6584BIN Specifications**

Manufacturer Part Number         LMC6584BIN           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.2 V/µs           Gain Bandwidth Product         1.2MHz           -3db Bandwidth         -           Current - Input Bias         0.08pA           Voltage - Input Offset         500µV           Current - Supply         3.2mA           Current - Output / Channel         70mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 10 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.2 V/μs           Gain Bandwidth Product         1.2MHz           -3db Bandwidth         -           Current - Input Bias         0.08pA           Voltage - Input Offset         500μV           Current - Supply         3.2mA           Current - Output / Channel         70mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 10 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP	Manufacturer Part Number	LMC6584BIN
PackageLinear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage $14$ -DIP $(0.300", 7.62mm)$ Series-Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate $1.2 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $1.2\text{MHz}$ -3db Bandwidth-Current - Input Bias $0.08\text{pA}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $3.2\text{mA}$ Current - Output / Channel $70\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \text{ V} \sim 10 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $14$ -DIP $(0.300", 7.62mm)$ Supplier Device Package $14$ -DIP	Manufacturer	Texas Instruments
Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.2 V/μs           Gain Bandwidth Product         1.2MHz           -3db Bandwidth         -           Current - Input Bias         0.08pA           Voltage - Input Offset         500μV           Current - Supply         3.2mA           Current - Output / Channel         70mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 10 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.2 V/μs           Gain Bandwidth Product         1.2MHz           -3db Bandwidth         -           Current - Input Bias         0.08pA           Voltage - Input Offset         500μV           Current - Supply         3.2mA           Current - Output / Channel         70mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 10 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate $1.2 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $1.2\text{MHz}$ -3db Bandwidth-Current - Input Bias $0.08\text{pA}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $3.2\text{mA}$ Current - Output / Channel $70\text{mA}$ Voltage - Supply, Single/Dual $(\pm)$ $1.8 \text{ V} \sim 10 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $14\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package $14\text{-DIP}$	Package	14-DIP (0.300", 7.62mm)
Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.2 V/μs           Gain Bandwidth Product         1.2MHz           -3db Bandwidth         -           Current - Input Bias         0.08pA           Voltage - Input Offset         500μV           Current - Supply         3.2mA           Current - Output / Channel         70mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 10 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP	Series	-
Output Type Rail-to-Rail  Slew Rate 1.2 V/ $\mu$ s  Gain Bandwidth Product 1.2MHz  -3db Bandwidth  - Current - Input Bias 0.08pA  Voltage - Input Offset 500 $\mu$ V  Current - Supply 3.2mA  Current - Output / Channel 70mA  Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 10 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP	Amplifier Type	General Purpose
Slew Rate 1.2 V/ $\mu$ s 1.2 MHz 1.2 MHz 1.2 MHz 1.2 MHz 1.2 MHz 1.2 MHz 1.3 Bandwidth 1.2 MHz 1.3 Bandwidth 1.4 Current - Input Bias 1.5 0.08 pA 1.5 Voltage - Input Offset 1.5 0.0 $\mu$ V 1.5 Current - Supply 1.5 Supply 1.5 Ningle/Dual ( $\pm$ ) 1.8 V $\sim$ 10 V 1.9 Current Through Hole 1.5 Package / Case 1.4 DIP (0.300", 7.62 mm) 1.4 DIP	Number of Circuits	4
Gain Bandwidth Product1.2MHz-3db Bandwidth-Current - Input Bias0.08pAVoltage - Input Offset $500\mu V$ Current - Supply $3.2mA$ Current - Output / Channel $70mA$ Voltage - Supply, Single/Dual (±) $1.8 V \sim 10 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeThrough HolePackage / Case $14$ -DIP (0.300", 7.62mm)Supplier Device Package $14$ -DIP	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ Voltage - Input \ Offset \\ 500 \mu V \\ Current - Supply \\ 3.2 mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 1.8 \ V \sim 10 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Through \ Hole \\ Package / Case \\ 14-DIP (0.300'', 7.62mm) \\ Supplier \ Device \ Package \\ 14-DIP$	Slew Rate	1.2 V/μs
Current - Input Bias $0.08pA$ Voltage - Input Offset $500\mu V$ Current - Supply $3.2mA$ Current - Output / Channel $70mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \ V \sim 10 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Through Hole  Package / Case $14$ -DIP $(0.300^{\circ}, 7.62mm)$ Supplier Device Package $14$ -DIP	Gain Bandwidth Product	1.2MHz
$Voltage - Input Offset \\ Current - Supply \\ 3.2mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 1.8 \ V \sim 10 \ V \\ Operating Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting Type \\ Through Hole \\ Package / Case \\ 14-DIP (0.300'', 7.62mm) \\ Supplier Device Package \\ 14-DIP$	-3db Bandwidth	-
Current - Supply Current - Output / Channel 70mA  Voltage - Supply, Single/Dual (±) 1.8 V ~ 10 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package	Current - Input Bias	0.08pA
Current - Output / Channel 70mA  Voltage - Supply, Single/Dual (±) 1.8 V ~ 10 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP	Voltage - Input Offset	500μV
Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 10 V Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-DIP	Current - Supply	3.2mA
Operating Temperature  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package  14-DIP	Current - Output / Channel	70mA
Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-DIP	Voltage - Supply, Single/Dual (±)	1.8 V ~ 10 V
Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-DIP	Mounting Type	Through Hole
	Package / Case	14-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	14-DIP
		Report errors?

### **LMC6584BIN Guarantees**



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **LMC6584BIN Payment Methods**



















### **LMC6584BIN Shipping Methods**













If you have any question about LMC6584BIN, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com