

### **CS3003-FSZ Information**



For Reference Only

Part Number CS3003-FSZ Manufacturer Cirrus Logic Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP INSTR RRO 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

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**

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# **CS3003-FSZ Specifications**

Manufacturer Part Number         CS3003-FSZ           Manufacturer         Cirrus Logic Inc.           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         Rail-to-Rail           Slew Rate         0.25 V/µs           Gain Bandwidth Product         -           -3db Bandwidth         -           Current - Input Bias         170pA           Voltage - Input Offset         2µV           Current - Supply         1mA           Current - Output / Channel         -           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5 V, ±1.35 V ~ 2.5 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC (0.154", 3.90mm Width)		
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Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate $0.25 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth-Current - Input Bias $170\text{pA}$ Voltage - Input Offset $2\mu\text{V}$ Current - Supply $1\text{mA}$ Current - Output / Channel-Voltage - Supply, Single/Dual $(\pm)$ $2.7 \text{ V} \sim 5 \text{ V}, \pm 1.35 \text{ V} \sim 2.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC} (0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SOIC}$	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 0.25 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth Current - Input Bias 170pA Voltage - Input Offset 2 $\mu$ V Current - Supply 1mA Current - Output / Channel - Voltage - Supply, Single/Dual (±) 2.7 V ~ 5 V, ±1.35 V ~ 2.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Series	-
Output Type Rail-to-Rail  Slew Rate 0.25 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth -  Current - Input Bias 170pA  Voltage - Input Offset 2 $\mu$ V  Current - Supply 1mA  Current - Output / Channel -  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5 V, $\pm$ 1.35 V ~ 2.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Amplifier Type	General Purpose
Slew Rate 0.25 V/µs  Gain Bandwidth Product3db Bandwidth -  Current - Input Bias 170pA  Voltage - Input Offset 2µV  Current - Supply 1mA  Current - Output / Channel -  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5 V, $\pm$ 1.35 V ~ 2.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Number of Circuits	1
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	0.25 V/μs
Current - Input Bias 170pA  Voltage - Input Offset 2 $\mu$ V  Current - Supply 1mA  Current - Output / Channel -  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5 V, $\pm$ 1.35 V ~ 2.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply Current - Output / Channel - Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Current - Input Bias	170pA
Current - Output / Channel - Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5 V, $\pm$ 1.35 V ~ 2.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Input Offset	$2\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5 V, $\pm$ 1.35 V ~ 2.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	1mA
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Output / Channel	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual $(\pm)$	2.7 V ~ 5 V, ±1.35 V ~ 2.5 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

### **CS3003-FSZ 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.

### **CS3003-FSZ Payment Methods**











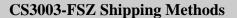
























If you have any question about CS3003-FSZ, please do not hesitate to contact us!

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