



ISL55002IB-T13 Information



For Reference Only

Part Number ISL55002IB-T13

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 70MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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ISL55002IB-T13 Specifications

Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 2 Output Type - Slew Rate Gain Bandwidth Product -3db Bandwidth 200MHz Current - Input Bias Voltage - Input Offset 1.2mV Current - Supply 8.5mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Voltage - Supply, Single/Dual (±) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC Supolier Device Package 8-SOIC		
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Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 2 Output Type - Slew Rate 300 V/μs Gain Bandwidth Product 70MHz -3db Bandwidth 200MHz Current - Input Bias 600nA Voltage - Input Offset 1.2mV Current - Supply 8.5mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 30 V, ±2.25 V ~ 15 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	Renesas Electronics America
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Slew Rate $300 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 70MHz -3db Bandwidth 200MHz Current - Input Bias 600nA Voltage - Input Offset 1.2mV Current - Supply 8.5mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) $4.5 \text{ V} \sim 30 \text{ V}, \pm 2.25 \text{ V} \sim 15 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-\text{SOIC}$ (0.154", 3.90mm Width)	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth Current - Input Bias 600nA Voltage - Input Offset 1.2mV Current - Supply 8.5mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 30 V, ±2.25 V ~ 15 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	300 V/μs
Current - Input Bias $600 nA$ Voltage - Input Offset $1.2 mV$ Current - Supply $8.5 mA$ Current - Output / Channel $140 mA$ Voltage - Supply, Single/Dual (\pm) $4.5 V \sim 30 V, \pm 2.25 V \sim 15 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case $8-SOIC$ (0.154 ", $3.90 mm$ Width)	Gain Bandwidth Product	70MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	200MHz
Current - Supply 8.5mA Current - Output / Channel 140mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 30 V, \pm 2.25 V ~ 15 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Input Bias	600nA
Current - Output / Channel 140mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 30 V, \pm 2.25 V ~ 15 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Input Offset	1.2mV
Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 30 V, \pm 2.25 V ~ 15 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	8.5mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	140mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	4.5 V ~ 30 V, ±2.25 V ~ 15 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Package / Case	8-SOIC (0.154", 3.90mm Width)
TI	Supplier Device Package	8-SOIC
Report errors		Report errors?

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

ISL55002IB-T13 Payment Methods



















ISL55002IB-T13 Shipping Methods













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