



ISL28417FBBZ Information

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For Reference Only

Part Number ISL28417FBBZ

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.5MHZ 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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ISL28417FBBZ Specifications

Manufacturer Part Number ISL28417FBBZ Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) 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 - Slew Rate 0.5 V/μs Gain Bandwidth Product 1.5MHz -3db Bandwidth - Current - Input Bias 80pA Voltage - Input Offset 10μV Current - Supply 440μA Current - Output / Channel 43mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 40 V, ±2.25 V ~ 20 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC		
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Amplifier TypeGeneral PurposeNumber of Circuits4Output Type-Slew Rate0.5 V/μsGain Bandwidth Product1.5MHz-3db Bandwidth-Current - Input Bias80pAVoltage - Input Offset10μVCurrent - Supply440μACurrent - Output / Channel43mAVoltage - Supply, Single/Dual (±)4.5 V ~ 40 V, ±2.25 V ~ 20 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits 4 Output Type - Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1.5MHz -3db Bandwidth - Current - Input Bias 80pA Voltage - Input Offset 10 μ V Current - Supply 440 μ A Current - Output / Channel 43mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 40 V, \pm 2.25 V ~ 20 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Series	-
Output Type Slew Rate 0.5 V/µs Gain Bandwidth Product -3db Bandwidth -Current - Input Bias Voltage - Input Offset Current - Supply 440µA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case 14-SOIC 1.5MHz -0.5 V/µs 80pA 80pA 10µV 440µA 43mA 40µA 43mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 40 V, ±2.25 V ~ 20 V -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Amplifier Type	General Purpose
Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1.5MHz -3db Bandwidth - Current - Input Bias 80pA Voltage - Input Offset 10 μ V Current - Supply 440 μ A Current - Output / Channel 43mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 40 V, \pm 2.25 V ~ 20 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 80pA Voltage - Input Offset 10 μ V Current - Supply 440 μ A Current - Output / Channel 43mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 40 V, \pm 2.25 V ~ 20 V Operating Temperature 4.5 V ~ 40 V, \pm 2.25 °C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	-
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 80 pA \\ Voltage - Input \ Offset \\ 10 \mu V \\ Current - Supply \\ 440 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.5 \ V \sim 40 \ V, \pm 2.25 \ V \sim 20 \ V \\ Operating \ Temperature \\ 4.0^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 14-SOIC \\ \\$	Slew Rate	0.5 V/μs
Current - Input Bias $80pA$ Voltage - Input Offset $10\mu V$ Current - Supply $440\mu A$ Current - Output / Channel $43mA$ Voltage - Supply, Single/Dual (±) $4.5 V \sim 40 V$, ±2.25 $V \sim 20 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case 14 -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package 14 -SOIC	Gain Bandwidth Product	1.5MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $440\mu A$ Current - Output / Channel $43mA$ Voltage - Supply, Single/Dual (±) $4.5 \text{ V} \sim 40 \text{ V}, \pm 2.25 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 14-SOIC $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package 14-SOIC	Current - Input Bias	80pA
Current - Output / Channel 43mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 40 V, \pm 2.25 V ~ 20 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Input Offset	$10\mu V$
Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 40 V, \pm 2.25 V ~ 20 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Current - Supply	440μΑ
$ \begin{array}{lll} \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 125^{\circ}\mbox{C} \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & 14-\mbox{SOIC} \ (0.154", 3.90\mbox{mm Width}) \\ \mbox{Supplier Device Package} & 14-\mbox{SOIC} \\ \end{array} $	Current - Output / Channel	43mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Supply, Single/Dual (±)	4.5 V ~ 40 V, ±2.25 V ~ 20 V
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Danort arrors 9	Supplier Device Package	14-SOIC
Report errors:		Report errors?

ISL28417FBBZ 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.

ISL28417FBBZ Payment Methods



















ISL28417FBBZ Shipping Methods













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