



#### **ISL28417FVZ Information**



For Reference Only

Part Number ISL28417FVZ

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1.5MHZ 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

# **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.









### **ISL28417FVZ Specifications**

| Manufacturer Part Number         ISL28417FVZ           Manufacturer         Renesas Electronics America           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm 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-TSSOP (0.173", 4.40mm Width) | -                                 |   |
|--|-----------------------------------|---|
| Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm 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-TSSOP (0.173", 4.40mm Width)   | Manufacturer Part Number          | ISL28417FVZ   |
| Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm 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-TSSOP (0.173", 4.40mm Width)  | Manufacturer                      | Renesas Electronics America                                 |
| Package14-TSSOP (0.173", 4.40mm Width)Series-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-TSSOP (0.173", 4.40mm Width)   | Category                          | Integrated Circuits (ICs)                                   |
| 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-TSSOP (0.173", 4.40mm Width)  |                                   | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
| Amplifier Type General Purpose Number of Circuits 4  Output Type  Slew Rate 0.5 V/ $\mu$ s  Gain Bandwidth Product 1.5MHz  -3db Bandwidth  Current - Input Bias 80pA  Voltage - Input Offset 10 $\mu$ V  Current - Supply 440 $\mu$ 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-TSSOP (0.173", 4.40mm Width)  | Package                           | 14-TSSOP (0.173", 4.40mm Width)                             |
| 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-TSSOP (0.173", 4.40mm Width)  | Series                            | -   |
| 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-TSSOP (0.173", 4.40mm Width)   | Amplifier Type                    | General Purpose   |
| Slew Rate 0.5 V/ $\mu$ s  Gain Bandwidth Product 1.5MHz  -3db Bandwidth  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 ~ 40 V, ±2.25 V ~ 20 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)   | Number of Circuits                | 4   |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$  | Output Type                       | -   |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$  | Slew Rate                         | 0.5 V/μs  |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$  | 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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \sim 125^{\circ}\text{C}$   | 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-TSSOP (0.173", 4.40mm Width)   | Voltage - Input Offset            | $10\mu V$   |
| Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 40 V, $\pm$ 2.25 V ~ 20 V<br>Operating Temperature -40°C ~ 125°C<br>Mounting Type Surface Mount<br>Package / Case 14-TSSOP (0.173", 4.40mm Width)  | Current - Supply                  | 440μΑ   |
| Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)   | Current - Output / Channel        | 43mA  |
| Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)   | Voltage - Supply, Single/Dual (±) | 4.5 V ~ 40 V, ±2.25 V ~ 20 V                                |
| Package / Case 14-TSSOP (0.173", 4.40mm Width)   | Operating Temperature             | -40°C ~ 125°C   |
|  | Mounting Type                     | Surface Mount   |
| Supplier Device Package 14-TSSOP   | Package / Case                    | 14-TSSOP (0.173", 4.40mm Width)                             |
|  | Supplier Device Package           | 14-TSSOP  |
| Report errors  |                                   | Report errors?  |

#### ISL28417FVZ 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.

## **ISL28417FVZ Payment Methods**



















### **ISL28417FVZ Shipping Methods**













If you have any question about ISL28417FVZ, please do not hesitate to contact us!

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