



### ISL76627ABZ Information

view.hasener.com

For Reference Only

Part Number ISL76627ABZ

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 10MHZ 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



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.









## **ISL76627ABZ Specifications**

Manufacturer Part Number         ISL76627ABZ           Manufacturer         Renesas Electronics America           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         -           Slew Rate         3.6 V/μs           Gain Bandwidth Product         10MHz           -3db Bandwidth         -           Current - Input Bias         InA           Voltage - Input Offset         10μV           Current - Output / Channel         45mA           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         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	ISL76627ABZ
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       -         Slew Rate       3.6 V/μs         Gain Bandwidth Product       10MHz         -3db Bandwidth       -         Current - Input Bias       InA         Voltage - Input Offset       10μV         Current - Supply       2.2mA         Current - Output / Channel       45mA         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       8-SOIC (0.154", 3.90mm Width)         Supplier Device Package       8-SOIC	Manufacturer	Renesas Electronics America
Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         -           Slew Rate         3.6 V/μs           Gain Bandwidth Product         10MHz           -3db Bandwidth         -           Current - Input Bias         InA           Voltage - Input Offset         10μV           Current - Supply         2.2mA           Current - Output / Channel         45mA           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         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC	Category	Integrated Circuits (ICs)
Series   -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 1 Output Type - Slew Rate 3.6 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias InA Voltage - Input Offset 10µV Current - Supply 2.2mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 4.5 V ~ 40 V, ±2.25 V ~ 20 V Operating Temperature -40°C ~ 125°C Mounting Type Package / Case 8-SOIC 8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 1 Output Type - Slew Rate 3.6 V/ $\mu$ s Gain Bandwidth Product 10MHz -3db Bandwidth - Current - Input Bias 1nA Voltage - Input Offset 10 $\mu$ V Current - Supply 2.2mA Current - Output / Channel 45mA 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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Series	-
Output Type  Slew Rate  3.6 V/μs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  10μV  Current - Supply  2.2mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  4.5 V ~ 40 V, ±2.25 V ~ 20 V  Operating Temperature  4.6 ° C ~ 125 ° C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Amplifier Type	General Purpose
Slew Rate 3.6 V/µs  Gain Bandwidth Product 10MHz  -3db Bandwidth -  Current - Input Bias 1nA  Voltage - Input Offset 10µV  Current - Supply 2.2mA  Current - Output / Channel 45mA  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 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Number of Circuits	1
Gain Bandwidth Product 10MHz -3db Bandwidth - Current - Input Bias 1nA   Voltage - Input Offset 10 $\mu$ V   Current - Supply 2.2mA   Current - Output / Channel 45mA   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 8-SOIC (0.154", 3.90mm Width)   Supplier Device Package 8-SOIC	Output Type	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	3.6 V/μs
Current - Input Bias $1nA$ Voltage - Input Offset $10\mu V$ Current - Supply $2.2mA$ Current - Output / Channel $45mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \text{ V} \sim 40 \text{ V}, \pm 2.25 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC}$ ( $0.154\text{"}, 3.90\text{mm}$ Width)Supplier Device Package $8\text{-SOIC}$	Gain Bandwidth Product	10MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply 2.2mA  Current - Output / Channel 45mA  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 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Input Bias	1nA
Current - Output / Channel 45mA  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 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-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 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	2.2mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Output / Channel	45mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	4.5 V ~ 40 V, ±2.25 V ~ 20 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)
D	Supplier Device Package	8-SOIC
Report errors		Report errors?

#### **ISL76627ABZ** 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.

### **ISL76627ABZ Payment Methods**





















### **ISL76627ABZ Shipping Methods**













If you have any question about ISL76627ABZ, please do not hesitate to contact us!

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