



#### **ISL6612AECBZ Information**



For Reference Only

Part Number ISL6612AECBZ

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description**IC MOSFET DRVR SYNC BUCK 8EPSOIC**Package**8-SOIC (0.154", 3.90mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact  $% \left( \frac{1}{2}\right) =\left( \frac{1}{2}\right) \left( \frac{1}{2}\right)$ 

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## **ISL6612AECBZ Specifications**

Manufacturer Part NumberISL6612AECBZManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply10.8 V ~ 13.2 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)1.25A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)36VRise / Fall Time (Typ)26ns, 18nsOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP			
Category  Integrated Circuits (ICs)  PMIC - Gate Drivers  Package  8-SOIC (0.154", 3.90mm Width) Exposed Pad  Series  - Driven Configuration  Half-Bridge  Channel Type  Synchronous  Number of Drivers  2  Gate Type  N-Channel MOSFET  Voltage - Supply  10.8 V ~ 13.2 V  Logic Voltage - VIL, VIH  - Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  36V  Rise / Fall Time (Typ)  Operating Temperature  O°C ~ 125°C (TJ)  Mounting Type  Package / Case  8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package	Manufacturer Part Number	ISL6612AECBZ	
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	Supplier Device Package	8-SOIC-EP	
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#### **ISL6612AECBZ 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.

### **ISL6612AECBZ Payment Methods**



















### **ISL6612AECBZ Shipping Methods**













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