



#### **ISL6614AIB Information**



For Reference Only

Part Number ISL6614AIB

Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)

PMIC - Gate Drivers

**Description** IC DRIVER MOSF DUAL SYNC 14SOIC

**Package** 14-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



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# **Certified Quality**

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## **ISL6614AIB Specifications**

Manufacturer Part Number         ISL6614AIB           Manufacturer         Renesas Electronics America           Category         Integrated Circuits (ICs)           Package         14-SOIC (0.154", 3.90mm Width)           Series         -           Driven Configuration         Half-Bridge           Channel Type         Synchronous           Number of Drivers         4           Gate Type         N-Channel MOSFET           Voltage - Supply         10.8 V ~ 13.2 V           Logic Voltage - VIL, VIH         -           Current - Peak Output (Source, Sink)         1.25A, 2A           Input Type         Non-Inverting           High Side Voltage - Max (Bootstrap)         36V           Rise / Fall Time (Typ)         26ns, 18ns           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Surface Mount           Package / Case         14-SOIC (0.154", 3.90mm Width)           Supplier Device Package         14-SOIC		
Category  Integrated Circuits (ICs)  PMIC - Gate Drivers  Package  14-SOIC (0.154", 3.90mm Width)  Series  - Driven Configuration  Half-Bridge  Channel Type  Synchronous  Number of Drivers  4  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)  Rise / Fall Time (Typ)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Manufacturer Part Number	ISL6614AIB
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Driven Configuration  Channel Type Synchronous  Number of Drivers 4  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) Rise / Fall Time (Typ) Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Package	14-SOIC (0.154", 3.90mm Width)
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Number of Drivers  Gate Type  N-Channel MOSFET  Voltage - Supply  Logic Voltage - VIL, VIH  - Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Driven Configuration	Half-Bridge
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)  Rise / Fall Time (Typ)  26ns, 18ns  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Channel Type	Synchronous
Voltage - Supply  Logic Voltage - VIL, VIH  - Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -40°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Number of Drivers	4
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Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	14-SOIC
		Report errors?

#### **ISL6614AIB 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.

## **ISL6614AIB Payment Methods**





















## **ISL6614AIB Shipping Methods**













If you have any question about ISL6614AIB, please do not hesitate to contact us!

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