

ISL6612IB



A Renesas Company

Part Number: [ISL6612IB](#)

Manufacturer: [Intersil](#)

Description: IC DRIVER MOSFET SYNC BUCK 8SOIC

Data sheet:  [ISL6612, ISL6613](#)

RoHS Status: Contains lead / RoHS non-compliant

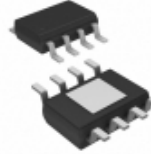
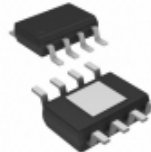
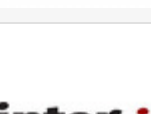
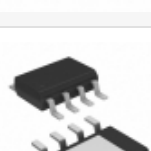
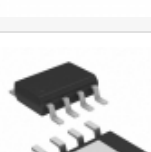
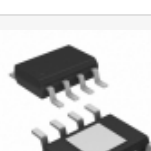
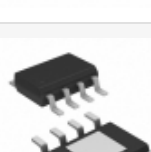
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6612IB	Manufacturer	Intersil
Description	IC DRIVER MOSFET SYNC BUCK 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5903 pcs	Data sheet	ISL6612, ISL6613
Category	Integrated Circuits (ICs)	Voltage - Supply	10.8 V ~ 13.2 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	26ns, 18ns	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Drivers	2	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Logic Voltage - VIL, VIH	-
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	36V	Gate Type	N-Channel MOSFET
Driven Configuration	Half-Bridge	Detailed Description	Half-Bridge Gate Driver IC Non-Inverting 8-SOIC
Current - Peak Output (Source, Sink)	1.25A, 2A	Channel Type	Synchronous
Base Part Number	ISL6612		
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	Part#: ISL6612EIB-T Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6612IBZ-TR5238 Description: IC MOSFET DRVR SYNC BUCK 8-SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6612EIBZ-T Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6612EIBZ Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6612ECB Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC	Manufacturers: Intersil	RFQ

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