

ISL6612AIBZ-T



A Renesas Company

Part Number: [ISL6612AIBZ-T](#)

Manufacturer [Intersil](#)

Description IC MOSFET DRVR SYNC BUCK 8-SOIC

Data sheet:  [ISL6612A, ISL6613A](#)

RoHs Status: Lead free / RoHS Compliant

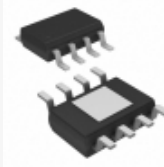
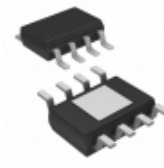
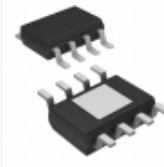
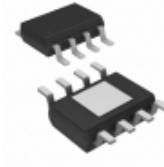
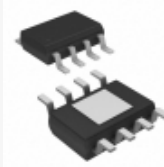
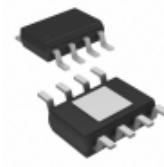
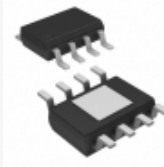
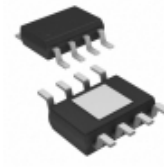
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6612AIBZ-T	Manufacturer	Intersil
Description	IC MOSFET DRVR SYNC BUCK 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	54857 pcs	Data sheet	ISL6612A, ISL6613A
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	Tape & Reel (TR)
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)	3 (168 Hours)	Manufacturer Standard Lead Time	13 Weeks
Logic Voltage - VIL, VIH	-	Lead Free Status / RoHS Status	Lead free / RoHS 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	ISL6612A
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