

ISL6612AECBZ-T




A Renesas Company

Part Number: [ISL6612AECBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 8EPSOIC

Data sheet:  [ISL6612A, ISL6613A](#)

RoHs Status: Lead free / RoHS Compliant

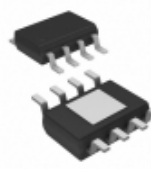
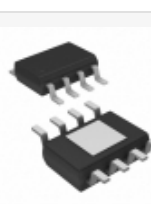
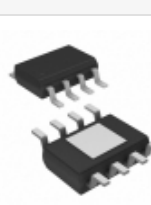
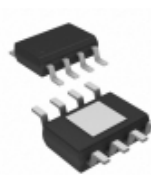
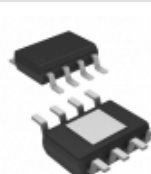
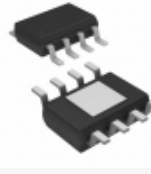
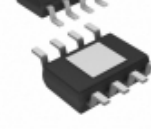
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PRODUCT PARAMETER			
Part Number	ISL6612AECBZ-T	Manufacturer	Intersil
Description	IC MOSFET DRVR SYNC BUCK 8EPSOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	58072 pcs	Data sheet	ISL6612A, ISL6613A
Category	Integrated Circuits (ICs)	Voltage - Supply	10.8 V ~ 13.2 V
Supplier Device Package	8-SOIC-EP	Series	-
Rise / Fall Time (Typ)	26ns, 18ns	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Operating Temperature	0°C ~ 125°C (TJ)
Number of Drivers	2	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	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-EP
Current - Peak Output (Source, Sink)	1.25A, 2A	Channel Type	Synchronous
Base Part Number	ISL6612A		
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