

ISL6612AIR-T



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A Renesas Company

Part Number: [ISL6612AIR-T](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 10-DFN

Data sheet:  [ISL6612A, ISL6613A](#)

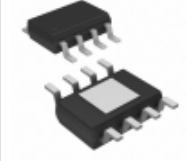
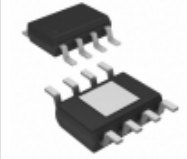
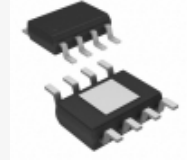
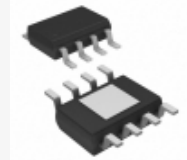
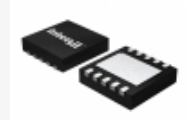
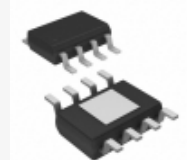
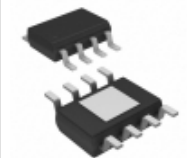
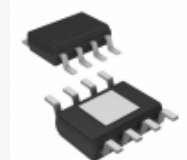
RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	ISL6612AIR-T	Manufacturer	Intersil
Description	IC MOSFET DRVR SYNC BUCK 10-DFN	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4177 pcs	Data sheet	ISL6612A, ISL6613A
Category	Integrated Circuits (ICs)	Voltage - Supply	10.8 V ~ 13.2 V
Supplier Device Package	10-DFN (3x3)	Series	-
Rise / Fall Time (Typ)	26ns, 18ns	Packaging	Tape & Reel (TR)
Package / Case	10-VDFDN Exposed Pad	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 10-DFN (3x3)
Current - Peak Output (Source, Sink)	1.25A, 2A	Channel Type	Synchronous
Base Part Number	ISL6612A		
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