

ISL6596IBZ-T



A Renesas Company

Part Number: [ISL6596IBZ-T](#)

Manufacturer [Intersil](#)

Description IC MOSFET DRVR SYNC BUCK 8-SOIC

Data sheet:  [ISL6596](#)

RoHs Status: Lead free / RoHS Compliant

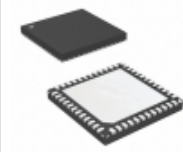
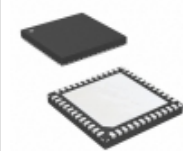
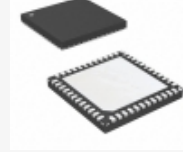
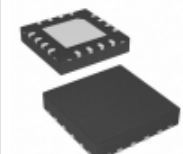
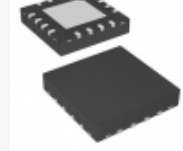
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6596IBZ-T	Manufacturer	Intersil
Description	IC MOSFET DRVR SYNC BUCK 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4397 pcs	Data sheet	ISL6596
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	8ns, 8ns	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)	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)	-, 4A	Channel Type	Synchronous
Base Part Number	ISL6596		
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