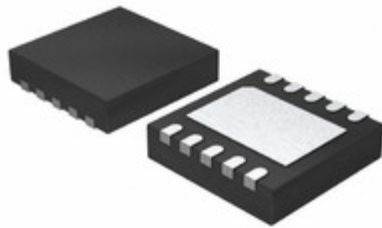


ISL6596IRZ



Part Number: [ISL6596IRZ](#)

Manufacturer [Intersil](#)

Description IC MOSFET DRVR SYNC BUCK 10-DFN

Data sheet:  [ISL6596](#)

RoHs Status: Lead free / RoHS Compliant

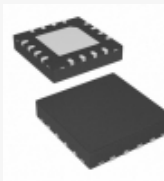
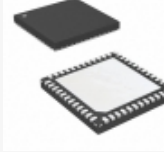
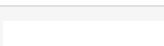
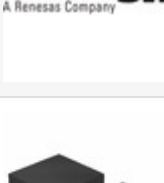
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	ISL6596IRZ	Manufacturer	Intersil
Description	IC MOSFET DRVR SYNC BUCK 10-DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38173 pcs	Data sheet	ISL6596
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 5.5 V
Supplier Device Package	10-DFN (3x3)	Series	-
Rise / Fall Time (Typ)	8ns, 8ns	Packaging	Tube
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)	3 (168 Hours)	Manufacturer Standard Lead Time	5 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 10-DFN (3x3)	Current - Peak Output (Source, Sink)	-, 4A
Channel Type	Synchronous	Base Part Number	ISL6596
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	Part#: ISL6605CBZ-T Description: IC MOSFET DRVR SYNC BUCK 8-SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6597CRZ-T Description: IC MOSFET DRVR DUAL SYNC 16-QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6605CB Description: IC MOSFET DRVR SYNC BUCK 8-SOIC	Manufacturers: Intersil	RFQ

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