

ISL6605CB



A Renesas Company

Part Number: [ISL6605CB](#)

Manufacturer: [Intersil](#)

Description: IC MOSFET DRVR SYNC BUCK 8-SOIC

Data sheet:  [ISL6605](#)

RoHS Status: Contains lead / RoHS non-compliant

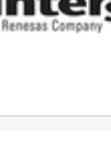
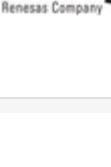
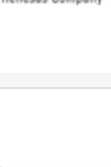
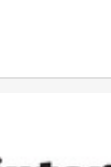
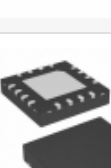
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6605CB	Manufacturer	Intersil
Description	IC MOSFET DRVR SYNC BUCK 8-SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4375 pcs	Data sheet	ISL6605
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	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Operating Temperature	0°C ~ 125°C (TJ)
Number of Drivers	2	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Logic Voltage - VIL, VIH	1V, 2V
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	33V	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)	2A, 2A	Channel Type	Synchronous
Base Part Number	ISL6605		
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	Part#: ISL6605CB-T Description: IC MOSFET DRVR SYNC BUCK 8-SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6605CBZA Description: IC MOSFET DRVR SYNC BUCK 8-SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6597CRZ-T Description: IC MOSFET DRVR DUAL SYNC 16-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6596CRZ-T Description: IC MOSFET DRVR SYNC BUCK 10-DFN	Manufacturers: Intersil	RFQ

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