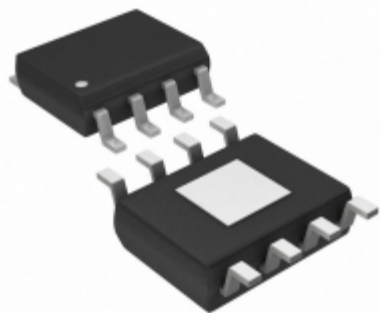


ISL89165FBEBZ-T




A Renesas Company

Part Number: [ISL89165FBEBZ-T](#)

Manufacturer: [Intersil](#)

Description: MOSFET DRIVER 2CH 5.0V 6A 8SOIC

Data sheet:  [ISL89163-65](#)

RoHs Status: Lead free / RoHS Compliant

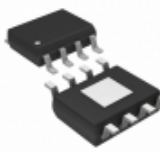
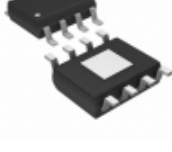
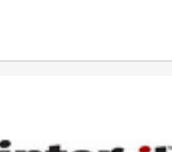
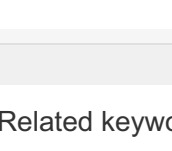
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	ISL89165FBEBZ-T	Manufacturer	Intersil
Description	MOSFET DRIVER 2CH 5.0V 6A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43444 pcs	Data sheet	ISL89163-65
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 16 V
Supplier Device Package	8-SOIC-EP	Series	-
Rise / Fall Time (Typ)	20ns, 20ns	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Drivers	2	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Logic Voltage - VIL, VIH	1.85V, 3.15V	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Inverting, Non-Inverting	Gate Type	N-Channel MOSFET
Driven Configuration	Low-Side	Detailed Description	Low-Side Gate Driver IC Inverting, Non-Inverting 8-SOIC-EP
Current - Peak Output (Source, Sink)	6A, 6A	Channel Type	Independent
Base Part Number	ISL89165		
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