

ISL89165FBECZ


A Renesas Company

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A Renesas Company

Part Number: [ISL89165FBECZ](#)

Manufacturer: [Intersil](#)

Description: MOSFET DRIVER 2CH 6A 8SOIC

Data sheet:  [ISL89163-65](#)

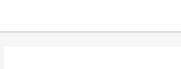
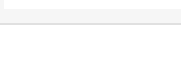
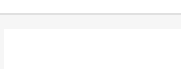
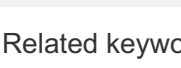
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	ISL89165FBECZ	Manufacturer	Intersil
Description	MOSFET DRIVER 2CH 6A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	36078 pcs	Data sheet	ISL89163-65
Category	Integrated Circuits (ICs)	Voltage - Supply	7.5 V ~ 16 V
Supplier Device Package	8-SOIC-EP	Series	-
Rise / Fall Time (Typ)	20ns, 20ns	Packaging	Tube
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)	Logic Voltage - VIL, VIH	2.4V, 9.6V
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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	Part#: ISL89165FRTBZ-T Description: MOSFET DRIVER 2CH 5.0V 6A 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL89164FRTAZ Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN	Manufacturers: Intersil	RFQ
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	Part#: ISL89165FRTBZ Description: MOSFET DRIVER 2CH 5.0V 6A 8TDFN	Manufacturers: Intersil	RFQ
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	Part#: ISL89164FRTAZ-T Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN	Manufacturers: Intersil	RFQ
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