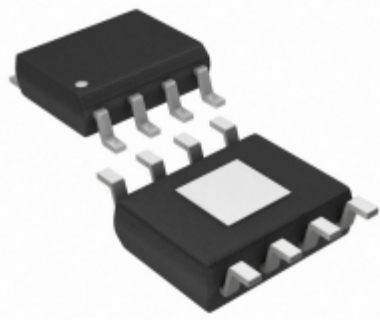


ISL89165FBEAZ-T





A Renesas Company

Part Number: [ISL89165FBEAZ-T](#)

Manufacturer: [Intersil](#)

Description: MOSFET DRIVER 2CH 3.3V 6A 8SOIC

Data sheet:  [ISL89163-65](#)

RoHs Status: Lead free / RoHS Compliant

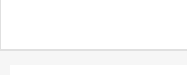
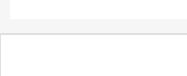
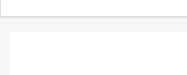
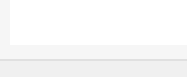
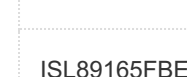
Ship From: Hong Kong

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

Images are for reference only.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL89165FBEAZ-T	Manufacturer	Intersil
Description	MOSFET DRIVER 2CH 3.3V 6A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43288 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	Cut Tape (CT)
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Other Names	ISL89165FBEAZ-TCT
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	1.22V, 2.08V	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#: ISL89164FRTBZ Description: MOSFET DRIVER 2CH 5.0V 6A 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL89165FBEBZ-T Description: MOSFET DRIVER 2CH 5.0V 6A 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL89164FBECZ-T Description: MOSFET DRIVER 2CH 6A 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL89165FBECZ-T Description: MOSFET DRIVER 2CH 6A 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL89165FRTCZ-T Description: MOSFET DRIVER 2CH 6A 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL89165FBEBZ Description: MOSFET DRIVER 2CH 5.0V 6A 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL89165FRTAZ-T Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL89164FRTCZ-T Description: MOSFET DRIVER 2CH 6A 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL89165FRTBZ-T Description: MOSFET DRIVER 2CH 5.0V 6A 8TDFN	Manufacturers: Intersil	RFQ
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	Part#: ISL89164FRTAZ Description: MOSFET DRIVER 2CH 3.3V 6A 8TDFN	Manufacturers: Intersil	RFQ

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