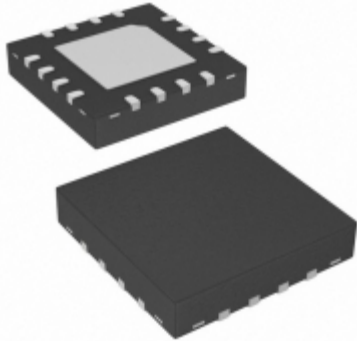


ISL8106IRZ-T





A Renesas Company

Part Number: [ISL8106IRZ-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 16QFN

Data sheet:  [ISL8106](#)

RoHs Status: Lead free / RoHS Compliant

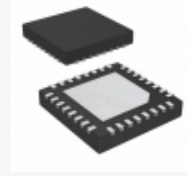
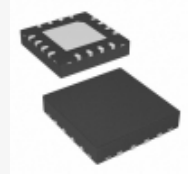
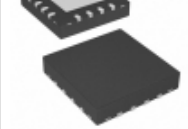
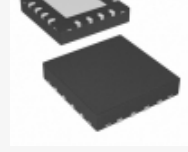
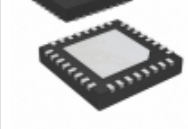
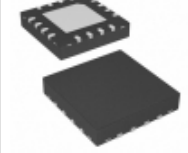
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ISL8106IRZ-T	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	42411 pcs	Data sheet	ISL8106
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	7 V ~ 25 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	16-QFN (4x4)	Series	Robust Ripple Regulator™ (R3)
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	16-VQFN Exposed Pad	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	2 (1 Year)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	200kHz ~ 600kHz	Duty Cycle (Max)	-
Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-QFN (4x4)	Control Features	Current Limit, Enable, Frequency Control, Power Good
Clock Sync	No	Base Part Number	ISL8106
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RELATED PRODUCTS			
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	Part#: ISL8105CRZ-T Description: IC REG CTRLR BUCK 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL8112IRZ Description: IC REG DL BCK/LINEAR SYNC 32-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8115DEMO1Z Description: EVAL BOARD SYNC BUCK PWM	Manufacturers: Intersil	RFQ
	Part#: ISL8115EVAL2Z Description: EVAL BOARD FOR ISL8115	Manufacturers: Intersil	RFQ
	Part#: ISL8105IRZ Description: IC REG CTRLR BUCK 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL8106IRZ Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8107IRZ Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8107IRZ-T Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8112IRZ-T Description: IC REG DL BCK/LINEAR SYNC 32-QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL8105IRZ-T Description: IC REG CTRLR BUCK 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL8106CRZ Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8107EVAL1Z Description: EVAL BOARD FOR ISL8107	Manufacturers: Intersil	RFQ
	Part#: ISL8105BIRZ-T Description: IC REG CTRLR BUCK 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL8106CRZ-T Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8115EVAL1Z Description: EVAL BOARD FOR ISL8115	Manufacturers: Intersil	RFQ
	Part#: ISL8107EVAL2Z Description: EVAL BOARD 2 FOR ISL8107	Manufacturers: Intersil	RFQ

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