

ISL8106IRZ





Part Number: [ISL8106IRZ](#)

Manufacturer [Intersil](#)

Description IC REG CTRLR BUCK 16QFN

Data sheet:  [ISL8106](#)

RoHs Status: Lead free / RoHS Compliant

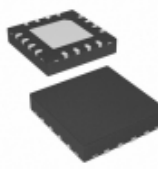
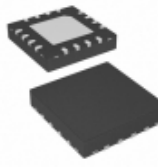
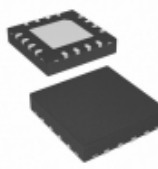
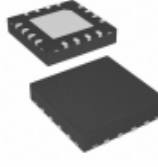
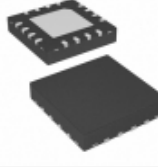
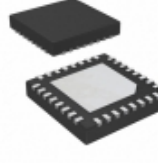
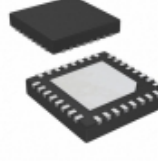
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	ISL8106IRZ	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37357 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	Tube
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			
	Part#: ISL8106CRZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 16QFN		
	Part#: ISL8107EVAL1Z	Manufacturers: Intersil	RFQ
	Description: EVAL BOARD FOR ISL8107		
	Part#: ISL8106CRZ	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 16QFN		
	Part#: ISL8105IRZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 10DFN		
	Part#: ISL8105BIRZ	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 10DFN		
	Part#: ISL8105CRZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 10DFN		
	Part#: ISL8105IRZ	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 10DFN		
	Part#: ISL8107EVAL2Z	Manufacturers: Intersil	RFQ
	Description: EVAL BOARD 2 FOR ISL8107		
	Part#: ISL8105IBZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 8SOIC		
	Part#: ISL8107IRZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 16QFN		
	Part#: ISL8107IRZ	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 16QFN		
	Part#: ISL8106IRZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 16QFN		
	Part#: ISL8112IRZ	Manufacturers: Intersil	RFQ
	Description: IC REG DL BCK/LINEAR SYNC 32-QFN		
	Part#: ISL8115DEMO1Z	Manufacturers: Intersil	RFQ
	Description: EVAL BOARD SYNC BUCK PWM		
	Part#: ISL8112IRZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG DL BCK/LINEAR SYNC 32-QFN		
	Part#: ISL8112EVAL1Z	Manufacturers: Intersil	RFQ
	Description: EVALUATION BOARD FOR ISL8112		
	Part#: ISL8105CRZ	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 10DFN		
	Part#: ISL8105IBZ	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 8SOIC		
	Part#: ISL8115EVAL1Z	Manufacturers: Intersil	RFQ
	Description: EVAL BOARD FOR ISL8115		
	Part#: ISL8105BIRZ-T	Manufacturers: Intersil	RFQ
	Description: IC REG CTRLR BUCK 10DFN		

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