

ISL6316CRZ



A Renesas Company

Part Number: [ISL6316CRZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 40QFN

Data sheet:  [ISL6316](#)

RoHs Status: Lead free / RoHS Compliant

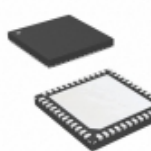
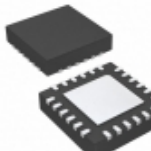
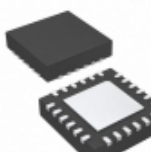
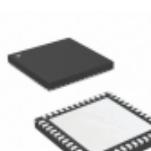
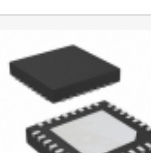
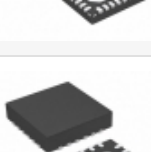
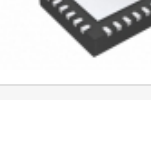
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6316CRZ	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5972 pcs	Data sheet	ISL6316
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.75 V ~ 5.25 V
Topology	Buck	Synchronous Rectifier	-
Supplier Device Package	40-QFN (6x6)	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	40-VFQFN Exposed Pad	Output Type	PWM Signal
Output Phases	4	Output Configuration	Positive
Operating Temperature	0°C ~ 70°C (TA)	Number of Outputs	4
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	80kHz ~ 1MHz
Duty Cycle (Max)	66.7%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 40-QFN (6x6)
Control Features	Enable, Frequency Control, Power Good, Soft Start	Clock Sync	No
Base Part Number	ISL6316		
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RELATED PRODUCTS			
	Part#: ISL6322CRZ-T Description: IC CTRLR PWM 4PHASE BUCK 48-QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6315IRZ Description: IC REG CTRLR BUCK 24QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6322CRZ Description: IC CTRLR PWM 4PHASE BUCK 48-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6322GCRZ Description: IC CTRLR PWM BUCK 48-QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6315IRZ-T Description: IC REG CTRLR BUCK 24QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6314CRZ Description: IC CTRLR PWM 1PHASE BUCK 32-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6322IRZ Description: IC CTRLR PWM 4PHASE BUCK 48-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6322GIRZ Description: IC CTRLR PWM BUCK 48-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6315CRZ Description: IC REG CTRLR BUCK 24QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6316CRZ-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ

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