

ISL6306CRZ



A Renesas Company

Part Number: [ISL6306CRZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 40QFN

Data sheet:  [ISL6306](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

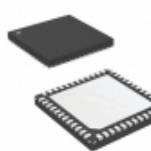
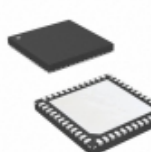
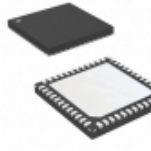
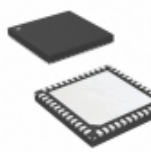
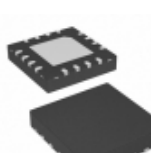
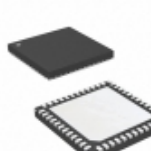
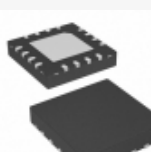
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6306CRZ	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23410 pcs	Data sheet	ISL6306
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)	Manufacturer Standard Lead Time	6 Weeks
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, Soft Start
Clock Sync	No	Base Part Number	ISL6306

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RELATED PRODUCTS			
	Part#: ISL6307ACRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6298-2CR3Z-T Description: IC CHARGER LI-ION POLYMER 10-DFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307BCRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307AIRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6298-2CR3Z Description: IC CHARGER LI-ION 4.2V 3X3 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL6306IRZ-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6306CRZ-TK Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6306IRZ Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6298-2CR4Z Description: IC CHARGER LI-ION 4.2V 4X4 16QFN	Manufacturers: Intersil	RFQ

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