

ISL6306IRZ-T



A Renesas Company

Part Number: [ISL6306IRZ-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 40QFN

Data sheet:  [ISL6306](#)

RoHs Status: Lead free / RoHS Compliant

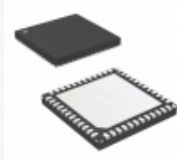
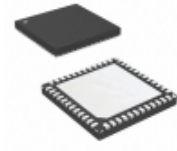
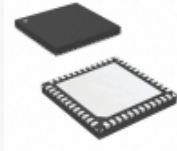
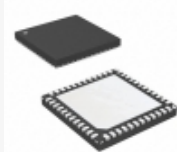
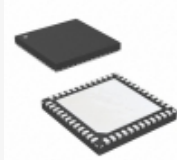
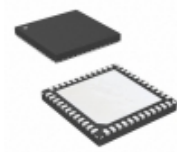
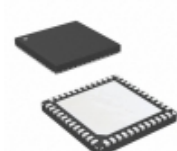
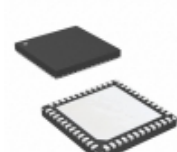
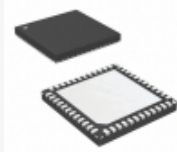
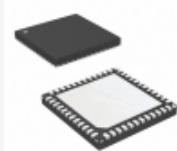
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6306IRZ-T	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25600 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	Tape & Reel (TR)
Package / Case	40-VFQFN Exposed Pad	Output Type	PWM Signal
Output Phases	4	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°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, Soft Start	Clock Sync	No
Base Part Number	ISL6306		
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RELATED PRODUCTS			
	Part#: ISL6306CRZ-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307BIRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307BIRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307CRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6299AIRZ Description: IC CHARGER LI-ION POLYMER 10-DFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307AIRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6299AEVAL1 Description: EVALUATION BOARD 1 ISL6299A	Manufacturers: Intersil	RFQ
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	Part#: ISL6307ACRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6307BCRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6306IRZ Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307BCRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ

Related keywords for ISL6306IRZ-T

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