

ISL6307AIRZ





A Renesas Company

Part Number: [ISL6307AIRZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 48QFN

Data sheet:  [ISL6307A](#)

RoHs Status: Lead free / RoHS Compliant

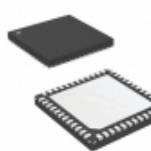
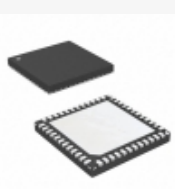
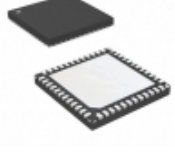
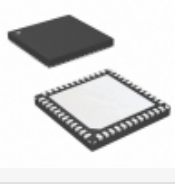
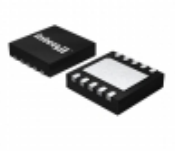
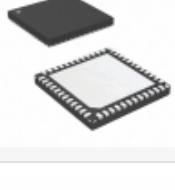
Ship From: Hong Kong

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	ISL6307AIRZ	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3988 pcs	Data sheet	ISL6307A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.75 V ~ 5.25 V
Topology	Buck	Synchronous Rectifier	-
Supplier Device Package	48-QFN (7x7)	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	48-VFQFN Exposed Pad	Output Type	PWM Signal
Output Phases	6	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	6
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	80kHz ~ 2MHz
Duty Cycle (Max)	66.7%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 48-QFN (7x7)
Control Features	Enable, Frequency Control, Soft Start	Clock Sync	No
Base Part Number	ISL6307		
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RELATED PRODUCTS			
	Part#: ISL6307IRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6308ACRZ Description: IC CTRLR PWM BUCK 3PHASE 40-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6306CRZ-TK Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307AIRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307IRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6306IRZ-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307ACRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307BIRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307BCRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307CRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6306IRZ Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6306CRZ-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6299AIRZ-T Description: IC CHARGER LI-ION POLYMER 10-DFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307BCRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307ACRZ Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6307BIRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6307CRZ-T Description: IC REG CTRLR BUCK 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6299IRZ Description: IC CHARGER BATTERY LI-ION 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL6299AIRZ Description: IC CHARGER LI-ION POLYMER 10-DFN	Manufacturers: Intersil	RFQ

Related keywords for ISL6307AIRZ			
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