

ISL6420BIRZ



A Renesas Company

Part Number: [ISL6420BIRZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 20QFN

Data sheet:  [ISL6420B](#)

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	ISL6420BIRZ	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	58867 pcs	Data sheet	ISL6420B
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	5.6 V ~ 28 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	20-QFN-EP (4x4)	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	20-VFQFN 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)	3 (168 Hours)	Manufacturer Standard Lead Time	7 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	100kHz ~ 1.4MHz	Duty Cycle (Max)	96%
Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-QFN-EP (4x4)	Control Features	Enable, Frequency Control, Phase Control, Power Good, Soft Start
Clock Sync	No	Base Part Number	ISL6420B
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RELATED PRODUCTS			
	Part#: ISL6420BIRZ-TK Description: IC REG CTRLR BUCK 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6420BEVAL1Z Description: EVAL BOARD 1 FOR ISL6420B	Manufacturers: Intersil	RFQ
	Part#: ISL6420IRZ Description: IC REG CTRLR BUCK 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6420IA Description: IC REG CTRLR BUCK 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6420BIRZ-T7A Description: IC REG CTRLR BUCK 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6420IA-TK Description: IC REG CTRLR BUCK 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6420IR Description: IC REG CTRLR BUCK 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6420BIAZ-T7A Description: IC REG CTRLR BUCK 20SSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6420BEVAL2Z Description: EVAL BOARD 2 FOR ISL6420B	Manufacturers: Intersil	RFQ
	Part#: ISL6420AIRZ Description: IC REG CTRLR BUCK 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6420EVAL3 Description: EVALUATION BOARD 3 ISL6420	Manufacturers: Intersil	RFQ
	Part#: ISL6420AIRZ-TKR5264 Description: IC REG CTRLR BUCK 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6420BIAZ-TK Description: IC REG CTRLR BUCK 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6420BIAZ Description: IC REG CTRLR BUCK 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6420IAZ-TK Description: IC REG CTRLR BUCK 20QSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL6420AIRZ-TK Description: IC REG CTRLR BUCK 20QFN	Manufacturers: Intersil	RFQ

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