

ISL8016IR15Z



A Renesas Company

Part Number: ISL8016IR15Z

Manufacturer: Intersil

Description: IC REG BUCK 1.5V 6A SYNC 20QFN

Data sheet:  [ISL8016](#)

RoHs Status: Lead free / RoHS Compliant

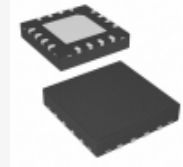
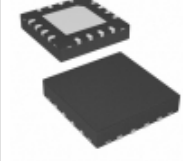
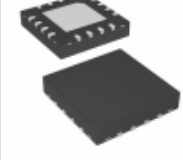
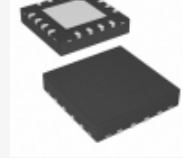
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL8016IR15Z	Manufacturer	Intersil
Description	IC REG BUCK 1.5V 6A SYNC 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	41963 pcs	Data sheet	ISL8016
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.5V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.7V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	20-QFN (3x4)
Series	-	Packaging	Tube
Package / Case	20-VFQFN Exposed Pad	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
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	525kHz ~ 3.9MHz	Detailed Description	Buck Switching Regulator IC Positive Fixed 1.5V 1 Output 6A 20-VFQFN Exposed Pad
Current - Output	6A	Base Part Number	ISL8016
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RELATED PRODUCTS			
	Part#: ISL8016IR15Z-T Description: IC REG BUCK 1.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR25Z-T Description: IC REG BUCK 2.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8014EVAL2Z Description: EVALUATION BOARD FOR ISL8014	Manufacturers: Intersil	RFQ
	Part#: ISL8014IRZ Description: IC REG BUCK ADJ 4A SYNC 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR18Z-T Description: IC REG BUCK 1.8V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR33Z-T Description: IC REG BUCK 3.3V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR15Z-T7A Description: IC REG BUCK 1.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8014IRZ-T Description: IC REG BUCK ADJ 4A SYNC 16QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL8016IR33Z Description: IC REG BUCK 3.3V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR18Z-T7A Description: IC REG BUCK 1.8V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR25Z Description: IC REG BUCK 2.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR25Z-T7A Description: IC REG BUCK 2.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR12Z Description: IC REG BUCK 1.2V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR12Z-T Description: IC REG BUCK 1.2V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR18Z Description: IC REG BUCK 1.8V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR12Z-T7A Description: IC REG BUCK 1.2V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ

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