

ISL8016IR25Z



A Renesas Company

Part Number: [ISL8016IR25Z](#)

Manufacturer [Intersil](#)

Description IC REG BUCK 2.5V 6A SYNC 20QFN

Data sheet:  [ISL8016](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL8016IR25Z	Manufacturer	Intersil
Description	IC REG BUCK 2.5V 6A SYNC 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43094 pcs	Data sheet	ISL8016
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2.5V
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 2.5V 1 Output 6A 20-VFQFN Exposed Pad
Current - Output	6A	Base Part Number	ISL8016
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	Part#: ISL8016IR15Z-T Description: IC REG BUCK 1.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR12Z Description: IC REG BUCK 1.2V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR18Z-T7A Description: IC REG BUCK 1.8V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR15Z-T7A Description: IC REG BUCK 1.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR33Z-T7A Description: IC REG BUCK 3.3V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR18Z Description: IC REG BUCK 1.8V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IRAJZ-T Description: IC REG BUCK ADJ 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR25Z-T Description: IC REG BUCK 2.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8018EVAL3Z Description: EVAL BOARD FOR ISL8018	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR18Z-T Description: IC REG BUCK 1.8V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8018DEMO1Z Description: DEMO BOARD FOR ISL8018	Manufacturers: Intersil	RFQ
	Part#: ISL8016IRAJZ Description: IC REG BUCK ADJ 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR12Z-T7A Description: IC REG BUCK 1.2V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR33Z Description: IC REG BUCK 3.3V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR15Z Description: IC REG BUCK 1.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR33Z-T Description: IC REG BUCK 3.3V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016CIR1EVAL1Z Description: EVAL BOARD 1 FOR ISL8016CIR	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR25Z-T7A Description: IC REG BUCK 2.5V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IRAJZ-T7A Description: IC REG BUCK ADJ 6A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8016IR12Z-T Description: IC REG BUCK 1.2V 6A SYNC 20QFN	Manufacturers: Intersil	RFQ

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