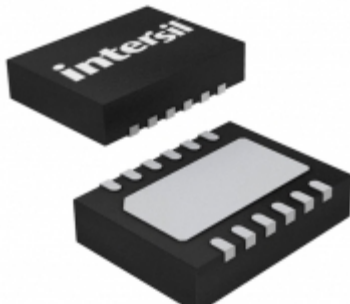


ISL85415AIRZ





A Renesas Company

Part Number: [ISL85415AIRZ](#)

Manufacturer: [Intersil](#)

Description: IC REG BUCK ADJ 0.5A SYNC 12DFN

Data sheet:  [ISL85415A](#)

RoHs Status: Lead free / RoHS Compliant

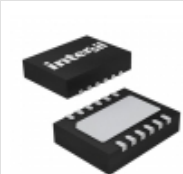
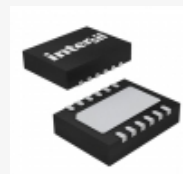
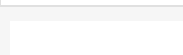
Ship From: Hong Kong

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	ISL85415AIRZ	Manufacturer	Intersil
Description	IC REG BUCK ADJ 0.5A SYNC 12DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	40673 pcs	Data sheet	ISL85415A
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.6V
Voltage - Output (Max)	34V	Voltage - Input (Min)	3V
Voltage - Input (Max)	36V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	12-DFN (4x3)
Series	-	Packaging	Tube
Package / Case	12-VDFDN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C (TJ)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	500kHz, 300kHz ~ 2MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 500mA 12-VDFDN Exposed Pad	Current - Output	500mA
Base Part Number	ISL85415		
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RELATED PRODUCTS			
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	Part#: ISL85415FRZ Description: IC REG BUCK ADJ 0.5A SYNC 12DFN	Manufacturers: Intersil	RFQ
	Part#: ISL85418FRZ Description: IC REG BUCK ADJ 0.8A SYNC 12DFN	Manufacturers: Intersil	RFQ
	Part#: ISL85412FRTZ-T7A Description: IC REG BUCK ADJ 0.15A SYNC 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL85412FRTZ Description: IC REG BUCK ADJ 0.15A SYNC 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL85415DEMO2Z Description: DEMO BOARD ISL85415	Manufacturers: Intersil	RFQ
	Part#: ISL85413DEMO3Z Description: ISL85413 DEMO BOARD 3 - 8 LD TDF	Manufacturers: Intersil	RFQ
	Part#: ISL85412FRTZ-T Description: IC REG BUCK ADJ 0.15A SYNC 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL85413DEMO1Z Description: DEMO BOARD ISL85413	Manufacturers: Intersil	RFQ
	Part#: ISL85415FRZ-T Description: IC REG BUCK ADJ 0.5A SYNC 12DFN	Manufacturers: Intersil	RFQ
	Part#: ISL85418EVAL1Z Description: EVAL BOARD FOR ISL85418	Manufacturers: Intersil	RFQ
	Part#: ISL85415EVAL2Z Description: EVAL BOARD FOR ISL85415	Manufacturers: Intersil	RFQ
	Part#: ISL85415FRZ-T7A Description: IC REG BUCK ADJ 0.5A SYNC 12DFN	Manufacturers: Intersil	RFQ
	Part#: ISL85413FRTZ Description: IC REG BUCK ADJ 0.3A SYNC 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL85412DEMO1Z Description: DEMO BOARD ISL85412	Manufacturers: Intersil	RFQ
	Part#: ISL85413FRTZ-T Description: IC REG BUCK ADJ 0.3A SYNC 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL85415DEMO1Z Description: DEMO BOARD ISL85415	Manufacturers: Intersil	RFQ
	Part#: ISL85413EVAL1Z Description: EVAL BOARD FOR ISL85413	Manufacturers: Intersil	RFQ
	Part#: ISL85415EVAL1Z Description: EVAL BOARD FOR ISL85415	Manufacturers: Intersil	RFQ

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