

ISL85415FRZ-T7A




A Renesas Company

Part Number: [ISL85415FRZ-T7A](#)

Manufacturer [Intersil](#)

Description IC REG BUCK ADJ 0.5A SYNC 12DFN

Data sheet:  [ISL85415](#)

RoHs Status: Lead free / RoHS Compliant

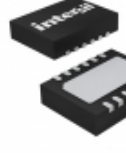
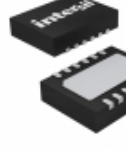
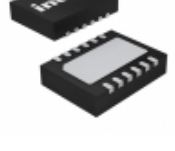
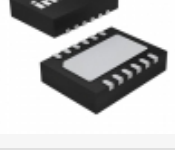
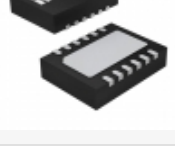
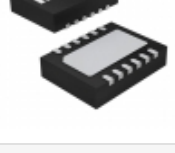
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PRODUCT PARAMETER			
Part Number	ISL85415FRZ-T7A	Manufacturer	Intersil
Description	IC REG BUCK ADJ 0.5A SYNC 12DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45659 pcs	Data sheet	ISL85415
Category	Integrated Circuits (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	Cut Tape (CT)
Package / Case	12-VDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	ISL85415FRZ-T7ACT
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	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-VDFN Exposed Pad	Current - Output	500mA
Base Part Number	ISL85415		
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	Part#: ISL85415FRZ Description: IC REG BUCK ADJ 0.5A SYNC 12DFN	Manufacturers: Intersil	RFQ
	Part#: ISL8560IRZ-T Description: IC REG BUCK ADJ 2A SYNC 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL85413FRTZ-T7A Description: IC REG BUCK ADJ 0.3A SYNC 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL85415EVAL2Z Description: EVAL BOARD FOR ISL85415	Manufacturers: Intersil	RFQ
	Part#: ISL8560EVAL2Z Description: EVALUATION BOARD FOR ISL8560	Manufacturers: Intersil	RFQ
	Part#: ISL85415DEMO2Z Description: DEMO BOARD ISL85415	Manufacturers: Intersil	RFQ
	Part#: ISL85413FRTZ-T Description: IC REG BUCK ADJ 0.3A SYNC 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL85418DEMO1Z Description: DEMO BOARD FOR ISL85418	Manufacturers: Intersil	RFQ
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	Part#: ISL85415DEMO1Z Description: DEMO BOARD ISL85415	Manufacturers: Intersil	RFQ
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