

ISL78227ARZ



A Renesas Company

Part Number: [ISL78227ARZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BOOST 32WQFN

Data sheet:  [ISL78227 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

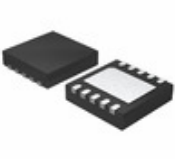
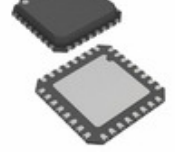
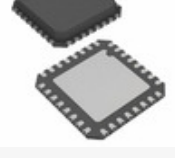
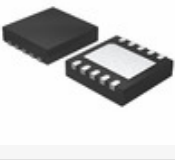
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL78227ARZ	Manufacturer	Intersil
Description	IC REG CTRLR BOOST 32WQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17970 pcs	Data sheet	ISL78227 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	5 V ~ 55 V
Topology	Boost	Synchronous Rectifier	Yes
Supplier Device Package	32-QFN (5x5)	Series	Automotive, AEC-Q100
Serial Interfaces	-	Packaging	Tube
Package / Case	32-VFQFN Exposed Pad	Output Type	Transistor Driver
Output Phases	2	Output Configuration	Positive
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	2
Moisture Sensitivity Level (MSL)	2 (1 Year)	Manufacturer Standard Lead Time	17 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up
Frequency - Switching	50kHz ~ 1.1MHz	Duty Cycle (Max)	89%
Detailed Description	Boost Regulator Positive Output Step-Up DC-DC Controller IC 32-QFN (5x5)	Control Features	Dead Time Control, Enable, Frequency Control, Phase Control, Power Good, Soft Start, Tracking
Clock Sync	Yes		
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RELATED PRODUCTS			
	Part#: ISL78220ANEZ-T Description: IC REG CTRLR BOOST 44TQFP	Manufacturers: Intersil	RFQ
	Part#: ISL78225ANEZ Description: IC REG CTRLR BOOST 44TQFP	Manufacturers: Intersil	RFQ
	Part#: ISL78225ANEZ-T Description: IC REG CTRLR BOOST 44TQFP	Manufacturers: Intersil	RFQ
	Part#: ISL78226ANZ Description: ISL78226ANZ AUTOMOTIVE 6 PHASE B	Manufacturers: Intersil	RFQ
	Part#: ISL78228ARZ-T Description: IC REG BUCK ADJ 0.8A DL 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL78229EV1Z Description: EVAL BRD 2PH BST CONTR W/PMBUS	Manufacturers: Intersil	RFQ
	Part#: ISL78219EV1Z Description: ISL782195EV1Z - EVALUATION BOARD	Manufacturers: Intersil	RFQ
	Part#: ISL78220ANEZ Description: IC REG CTRLR BOOST 44TQFP	Manufacturers: Intersil	RFQ
	Part#: ISL78223AAZ-T Description: IC REG CTRLR FULL-BRIDGE 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL78227EV1Z Description: EVAL BRD 2PH BOOST CONTR	Manufacturers: Intersil	RFQ
	Part#: ISL78229ARZ Description: IC REG CTRLR BOOST PMBUS 40WQFN	Manufacturers: Intersil	RFQ
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	Part#: ISL78229ARZ-T7A Description: IC REG CTRLR BOOST PMBUS 40WQFN	Manufacturers: Intersil	RFQ
	Part#: ISL78227ARZ-T Description: IC REG CTRLR BOOST 32WQFN	Manufacturers: Intersil	RFQ
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	Part#: ISL78227ARZ-T7A Description: IC REG CTRLR BOOST 32WQFN	Manufacturers: Intersil	RFQ
	Part#: ISL78223AAZ Description: IC REG CTRLR FULL-BRIDGE 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL78228ARZ Description: IC REG BUCK ADJ 0.8A DL 10DFN	Manufacturers: Intersil	RFQ

Related keywords for ISL78227ARZ

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