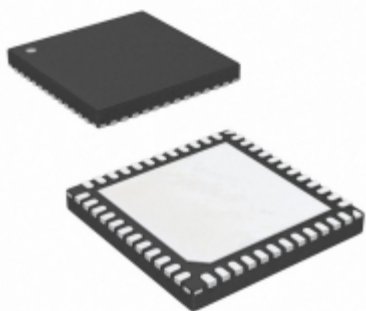


ISLA216S25IR1Z





A Renesas Company

Part Number: [ISLA216S25IR1Z](#)

Manufacturer: [Intersil](#)

Description: IC ADC 16BIT SRL/SPI 250M 48QFN

Data sheet:  [ISLA216S](#)

RoHs Status: Lead free / RoHS Compliant

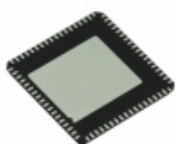
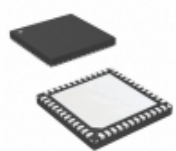
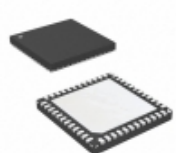
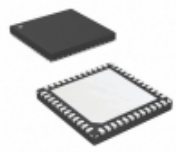
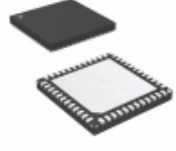
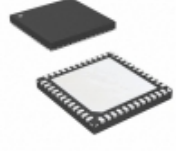
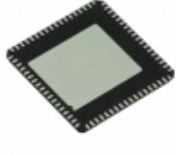
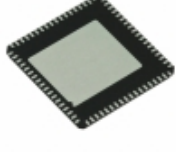
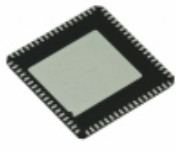
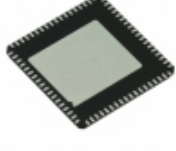
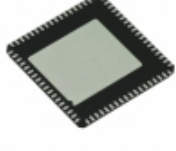
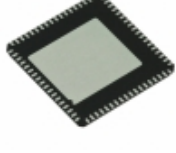
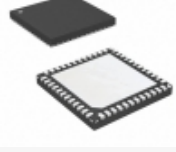
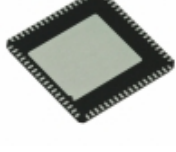
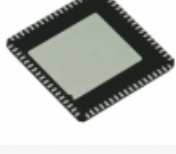
Ship From: Hong Kong

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

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	ISLA216S25IR1Z	Manufacturer	Intersil
Description	IC ADC 16BIT SRL/SPI 250M 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	665 pcs	Data sheet	ISLA216S
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	1.8V
Voltage - Supply, Analog	1.8V	Supplier Device Package	48-QFN (7x7)
Series	-	Sampling Rate (Per Second)	250M
Reference Type	Internal	Ratio - S/H:ADC	1:1
Packaging	Tray	Package / Case	48-VFQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C	Number of Inputs	1
Number of Bits	16	Number of A/D Converters	1
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	17 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential
Features	-	Detailed Description	16 Bit Analog to Digital Converter 1 Input 1 SAR 48-QFN (7x7)
Data Interface	JESD204B	Configuration	S/H-ADC
Base Part Number	ISLA216	Architecture	SAR
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	Part#: ISLA214S50IR1Z Description: IC ADC 14BIT SPI/SRL 200K 48-QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA224P12IRZ Description: IC ADC 14BIT SPI/SRL 125M 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA216S20IR1Z Description: IC ADC 16BIT SRL/SPI 200M 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA222S12IR1Z Description: IC ADC 12BIT SPI/SRL 125M 48LQFN	Manufacturers: Intersil	RFQ
	Part#: ISLA216S13IR1Z Description: IC ADC 16BIT SRL/SPI 130M 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA222S20IR1Z Description: IC ADC 12BIT SPI/SRL 200M 48LQFN	Manufacturers: Intersil	RFQ
	Part#: ISLA214P50IR72EV1Z Description: EVAL BOARD FOR ISLA214P50IR72	Manufacturers: Intersil	RFQ
	Part#: ISLA216P13IRZ Description: IC ADC 16BIT SPI 130MSPS 72QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA216IR72EV1Z Description: EVAL BOARD FOR ISLA216IR72	Manufacturers: Intersil	RFQ
	Part#: ISLA222P13IRZ Description: IC ADC 12BIT SRL/SPI 72QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA214P50-55210EV1Z Description: BOARD EVAL FOR ISLA214P50	Manufacturers: Intersil	RFQ
	Part#: ISLA216S25IR48EV1Z Description: EVAL BOARD FOR ISLA216S	Manufacturers: Intersil	RFQ
	Part#: ISLA222P20IRZ Description: IC ADC 12BIT SRL/SPI 72QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA224IR72EV1Z Description: BOARD EVALUATION FOR ISLA224P	Manufacturers: Intersil	RFQ
	Part#: ISLA216P20IRZ Description: IC ADC 16BIT SPI 200MSPS 72QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA216P25IRZ Description: IC ADC 16BIT SPI 250MSPS 72QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA222S25IR1Z Description: IC ADC 12BIT SPI/SRL 250M 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA214P50IRZ Description: IC ADC 14BIT SPI 500MSPS 72QFN	Manufacturers: Intersil	RFQ
	Part#: ISLA224P13IRZ Description: IC ADC 14BIT SRL/SPI 72QFN	Manufacturers: Intersil	RFQ

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