

ISL8130IRZ


A Renesas Company

Part Number: [ISL8130IRZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR MULT TOPOLOGY 20QFN

Data sheet:  [ISL8130](#)

RoHs Status: Lead free / RoHS Compliant

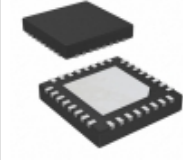
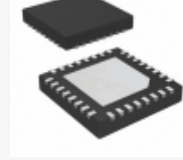
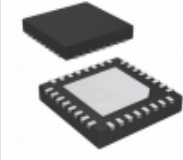
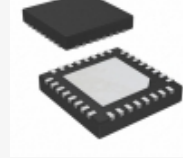
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PRODUCT PARAMETER			
Part Number	ISL8130IRZ	Manufacturer	Intersil
Description	IC REG CTRLR MULT TOPOLOGY 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	75354 pcs	Data sheet	ISL8130
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Topology	Buck, Boost, Flyback, SEPIC	Synchronous Rectifier	Yes
Supplier Device Package	20-QFN-EP (4x4)	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	20-VQFN Exposed Pad	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up, Step-Down, Step-Up/Step-Down
Frequency - Switching	100kHz ~ 1.4MHz	Duty Cycle (Max)	96%
Detailed Description	Buck, Boost, Flyback, SEPIC Regulator Positive Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 20-QFN-EP (4x4)	Control Features	Current Limit, Enable, Frequency Control, Power Good
Clock Sync	No	Base Part Number	ISL8130
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RELATED PRODUCTS			
	Part#: ISL8130IRZ-TK Description: IC REG CTRLR MULT TOPOLOGY 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8130EVAL2Z Description: BOARD EVAL FOR ISL8130	Manufacturers: Intersil	RFQ
	Part#: ISL8126IRZ-T7A Description: IC REG CTRLR BUCK 32QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8130IRZ-T7A Description: IC REG CTRLR MULT TOPOLOGY 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8130EV1Z Description: EVAL BOARD FOR ISL8130	Manufacturers: Intersil	RFQ
	Part#: ISL8130IAZ-T7A Description: IC REG CTRLR MULT TOP 20SSOP	Manufacturers: Intersil	RFQ
	Part#: ISL81387IBZ Description: IC TXRX RS232/422/485 20SOIC W	Manufacturers: Intersil	RFQ
	Part#: ISL8126IRZ-T Description: IC REG CTRLR BUCK 32QFN	Manufacturers: Intersil	RFQ
	Part#: ISL81334IAZ Description: IC TXRX DUAL 2PORT ESD 28-SSOP	Manufacturers: Intersil	RFQ
	Part#: ISL81334IBZ Description: IC TXRX DUAL 2PORT ESD 28-SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL8126IRZ Description: IC REG CTRLR BUCK 32QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8126IRZ-TK Description: IC REG CTRLR BUCK 32QFN	Manufacturers: Intersil	RFQ
	Part#: ISL81387IAZ Description: IC TXRX RS232/422/485 20SSOP	Manufacturers: Intersil	RFQ
	Part#: ISL8130IAZ-TK Description: IC REG CTRLR MULT TOP 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL81387IAZ-T7A Description: IC TXRX RS232/485 DL ESD 20SSOP	Manufacturers: Intersil	RFQ
	Part#: ISL8130EVAL3Z Description: BOARD EVAL FOR ISL8130	Manufacturers: Intersil	RFQ
	Part#: ISL81387IAZ-T Description: IC TXRX RS232/422/485 20SSOP	Manufacturers: Intersil	RFQ
	Part#: ISL81334IAZ-T Description: IC TXRX RS232/422/485 28SSOP	Manufacturers: Intersil	RFQ
	Part#: ISL8130IAZ Description: IC REG CTRLR MULT TOP 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL81334IBZ-T Description: IC TXRX RS232/422/485 28SOIC W	Manufacturers: Intersil	RFQ

Related keywords for ISL8130IRZ

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