

ISL43681IRZ-T



A Renesas Company

Part Number: [ISL43681IRZ-T](#)

Manufacturer [Intersil](#)

Description IC MUX/DEMUX 8X1 20QFN

Data sheet:  [ISL43681](#), [ISL43741](#)

RoHs Status: Lead free / RoHS Compliant

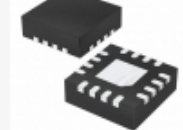
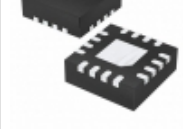
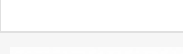
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL43681IRZ-T	Manufacturer	Intersil
Description	IC MUX/DEMUX 8X1 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5475 pcs	Data sheet	ISL43681 , ISL43741
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±2 V ~ 6 V	Switch Time (Ton, Toff) (Max)	50ns, 35ns
Switch Circuit	-	Supplier Device Package	20-QFN-EP (4x4)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	20-VFQFN Exposed Pad	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	60 Ohm	Number of Circuits	1
Multiplexer/Demultiplexer Circuit	8:1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	1 Circuit IC Switch 8:1 60 Ohm 20-QFN-EP (4x4)
Current - Leakage (IS(off)) (Max)	100pA	Crosstalk	-110dB @ 100kHz
Charge Injection	0.3pC	Channel-to-Channel Matching (ΔRon)	1.3 Ohm
Channel Capacitance (CS(off), CD(off))	3pF, 21pF	Base Part Number	ISL43681
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: ISL43840IRZ-T Description: IC MUX/DEMUX DUAL 4X1 20QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL43681IRZ Description: IC MUX/DEMUX 8X1 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43640IRZ-T Description: IC MUX/DEMUX 4X1 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43640IU Description: IC MUX/DEMUX 4X1 10MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43640IUZ Description: IC MUX/DEMUX 4X1 10MSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL43681IR-T Description: IC MUX/DEMUX 8X1 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43640IRZ-T7A Description: IC MUX/DEMUX 1 X 4:1 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43741IRZ Description: IC MUX/DEMUX DUAL 4X1 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43640IUZ-T Description: IC MUX/DEMUX 4X1 10MSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL43640IU-T Description: IC MUX/DEMUX 4X1 10MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43741IRZ-T Description: IC MUX/DEMUX DUAL 4X1 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43681WR5345 Description: IC ANALOG SWITCH QUAD SMD	Manufacturers: Intersil	RFQ

Related keywords for ISL43681IRZ-T

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