

ISL54048IRUZ-T




A Renesas Company

Part Number: [ISL54048IRUZ-T](#)

Manufacturer [Intersil](#)

Description IC MUX/DEMUX DUAL 4X1 10UTQFN

Data sheet:  [ISL54048-49](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ISL54048IRUZ-T	Manufacturer	Intersil
Description	IC MUX/DEMUX DUAL 4X1 10UTQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27805 pcs	Data sheet	ISL54048-49
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.65 V ~ 4.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	40ns, 20ns
Switch Circuit	SPST - NO	Supplier Device Package	10-UTQFN (1.8x1.4)
Series	-	Packaging	Cut Tape (CT)
Package / Case	10-UFQFN	Other Names	ISL54048IRUZ-TCT
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	300 mOhm (Typ)
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2 Circuit IC Switch 1:1 300 mOhm (Typ) 10-UTQFN (1.8x1.4)	Current - Leakage (IS(off)) (Max)	100nA
Crosstalk	-85dB @ 100kHz	Charge Injection	170pC
Channel-to-Channel Matching (ΔRon)	60 mOhm	Channel Capacitance (CS(off), CD(off))	62pF
Base Part Number	ISL54048	-3db Bandwidth	-

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	Part#: ISL54004IRTZ Description: IC AMP AUDIO PWR 1.23W AB 20TQFN	Manufacturers: Intersil	RFQ
	Part#: ISL54053IHZ-T Description: IC SWITCH SPDT SGL SOT23-6	Manufacturers: Intersil	RFQ
	Part#: ISL54052IRUZ-T Description: IC SWITCH SPST 6UTDFN	Manufacturers: Intersil	RFQ
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	Part#: ISL54003IRTZ-T Description: IC AMP AUDIO PWR 1.23W AB 20TQFN	Manufacturers: Intersil	RFQ
	Part#: ISL54003IRTZ Description: IC AMP AUDIO PWR 1.23W AB 20TQFN	Manufacturers: Intersil	RFQ

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