

ISL43L120IU





A Renesas Company

Part Number: [ISL43L120IU](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH DUAL SPST 8MSOP

Data sheet:  [ISL43L120](#), [ISL43L121](#), [ISL43L122](#)

RoHs Status: Contains lead / RoHS non-compliant

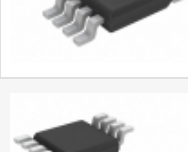
Ship From: Hong Kong

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

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL43L120IU	Manufacturer	Intersil
Description	IC SWITCH DUAL SPST 8MSOP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	3961 pcs	Data sheet	ISL43L120 , ISL43L121 , ISL43L122
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.65 V ~ 3.6 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	25ns, 25ns
Switch Circuit	SPST - NO	Supplier Device Package	8-MSOP
Series	-	Packaging	Tube
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	250 mOhm	Number of Circuits	2
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	2 Circuit IC Switch 1:1 250 mOhm 8-MSOP
Current - Leakage (IS(off)) (Max)	3nA	Crosstalk	-94dB @ 100kHz
Charge Injection	-125pC	Channel-to-Channel Matching (ΔRon)	5 mOhm
Channel Capacitance (CS(off), CD(off))	182pF, 182pF	Base Part Number	ISL43L120
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: ISL43841IRZ Description: IC MUX/DEMUX DUAL 4X1 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43L120IRZ Description: IC SWITCH DUAL SPST 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL43L121IUZ Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43L120IRZ-T Description: IC SWITCH DUAL SPST 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL43L120IU-T Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43L110IHZ-T Description: IC SWITCH SPST SC70-5	Manufacturers: Intersil	RFQ
	Part#: ISL43L120IR-T Description: IC SWITCH DUAL SPST 8TDFN	Manufacturers: Intersil	RFQ
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	Part#: ISL43841IRZ-T Description: IC MUX/DEMUX DUAL 4X1 20QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43L121IRZ-T Description: IC SWITCH DUAL SPST 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL43L120IUZ-T Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43L120IR Description: IC SWITCH DUAL SPST 8TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL43L111IHZ-T Description: IC SWITCH SPST SC70-5	Manufacturers: Intersil	RFQ
	Part#: ISL43L111IH-T Description: IC SWITCH SPST SC70-5	Manufacturers: Intersil	RFQ
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