

ISL54053IHZ-T



A Renesas Company

Part Number: [ISL54053IHZ-T](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH SPDT SGL SOT23-6

Data sheet:  [ISL54053](#)

RoHs Status: Lead free / RoHS Compliant

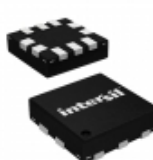
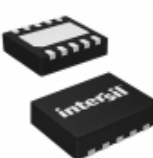
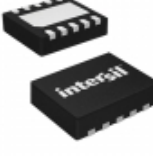
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL54053IHZ-T	Manufacturer	Intersil
Description	IC SWITCH SPDT SGL SOT23-6	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	98449 pcs	Data sheet	ISL54053
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	24ns, 10ns
Switch Circuit	SPDT	Supplier Device Package	SOT-23-6
Series	-	Packaging	Tape & Reel (TR)
Package / Case	SOT-23-6	Other Names	ISL54053IHZ-T-ND ISL54053IHZ-TTR
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	860 mOhm (Typ)
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	2A (4 Weeks)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	1 Circuit IC Switch 2:1 860 mOhm (Typ) SOT-23-6
Current - Leakage (IS(off)) (Max)	10nA	Crosstalk	-83dB @ 100kHz
Charge Injection	26pC	Channel-to-Channel Matching (ΔRon)	4 mOhm
Channel Capacitance (CS(off), CD(off))	16pF	Base Part Number	ISL54053
-3db Bandwidth	190MHz		
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	Part#: ISL54052IHZ-T Description: IC SWITCH SPST SGL SOT23-6	Manufacturers: Intersil	RFQ
	Part#: ISL54050IRUZ-T7A Description: IC ANLG SWITCH DUAL SPDT 10TQFN	Manufacturers: Intersil	RFQ
	Part#: ISL54054IHZ-T Description: IC SWITCH SPDT SGL SOT23-6	Manufacturers: Intersil	RFQ
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	Part#: ISL54049IRUZ-T Description: IC SWITCH DUAL SPST 10UTQFN	Manufacturers: Intersil	RFQ

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