

ISL54065IRUZ-T





Part Number: [ISL54065IRUZ-T](#)

Manufacturer [Intersil](#)

Description IC SWITCH DUAL SPDT 12UTQFN

Data sheet:  [ISL54065](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	ISL54065IRUZ-T	Manufacturer	Intersil
Description	IC SWITCH DUAL SPDT 12UTQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	76318 pcs	Data sheet	ISL54065
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 6.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	35ns, 16ns
Switch Circuit	SPDT	Supplier Device Package	12-uTQFN (2.2x1.4)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	12-UFQFN	Other Names	ISL54065IRUZ-T-ND ISL54065IRUZ-TTR
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	520 mOhm (Typ)
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 2:1 520 mOhm (Typ) 12-uTQFN (2.2x1.4)
Current - Leakage (IS(off)) (Max)	8.13nA	Crosstalk	-75dB @ 1MHz
Charge Injection	170pC	Channel-to-Channel Matching (ΔRon)	10 mOhm
Channel Capacitance (CS(off), CD(off))	36pF	Base Part Number	ISL54065
-3db Bandwidth	60MHz		
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RELATED PRODUCTS			
	Part#: ISL54063EVAL1Z Description: EVALUATION BOARD FOR ISL54063	Manufacturers: Intersil	RFQ
	Part#: ISL54066IRTZ Description: IC SWITCH SPDT DUAL 10TQFN	Manufacturers: Intersil	RFQ
	Part#: ISL54100AHDMI-EVALZ Description: EVAL BOARD FOR ISL54100AHDMI	Manufacturers: Intersil	RFQ
	Part#: ISL54102ACQZ Description: IC TMDS REGEN W/MUX 128-MQFP	Manufacturers: Intersil	RFQ
	Part#: ISL54066IRTZ-T Description: IC SWITCH SPDT DUAL 10TQFN	Manufacturers: Intersil	RFQ
	Part#: ISL54064IRUZ-T Description: IC SWITCH SPDT DUAL 10TQFN	Manufacturers: Intersil	RFQ
	Part#: ISL54064IRTZ Description: IC SWITCH SPDT DUAL 10TDFN	Manufacturers: Intersil	RFQ
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	Part#: ISL54101CQZ Description: IC RGEN MUX TMDS 1:1 128-MQFP	Manufacturers: Intersil	RFQ
	Part#: ISL54063IRTZ-T Description: IC SWITCH SPDT DUAL 10TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL54063IRUZ-T Description: IC SWITCH SPDT DUAL 10TQFN	Manufacturers: Intersil	RFQ
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	Part#: ISL54100ACQZ Description: IC TMDS REGENERATOR MUX 128-MQFP	Manufacturers: Intersil	RFQ
	Part#: ISL54101ACQZ Description: IC TMDS REGEN W/MUX 128-MQFP	Manufacturers: Intersil	RFQ
	Part#: ISL54100CQZ Description: IC REGENERATOR TMDS 4:1 128-MQFP	Manufacturers: Intersil	RFQ
	Part#: ISL54064IRTZ-T Description: IC SWITCH SPDT DUAL 10TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL54064EVAL1Z Description: EVALUATION BOARD FOR ISL54064	Manufacturers: Intersil	RFQ

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