

ISL84542IB-T



A Renesas Company

Part Number: [ISL84542IB-T](#)

Manufacturer [Intersil](#)

Description IC SWITCH DUAL SPST 8SOIC

Data sheet:  [ISL84541-44](#)

RoHs Status: Contains lead / RoHS non-compliant

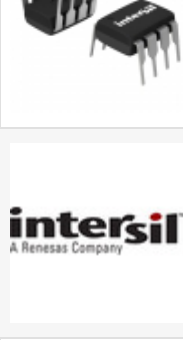
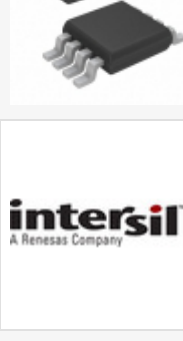
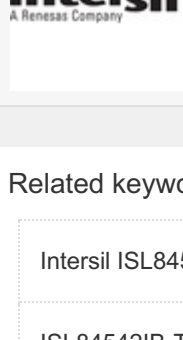
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL84542IB-T	Manufacturer	Intersil
Description	IC SWITCH DUAL SPST 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4565 pcs	Data sheet	ISL84541-44
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	100ns, 75ns
Switch Circuit	SPST - NC	Supplier Device Package	8-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	60 Ohm	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 60 Ohm 8-SOIC
Current - Leakage (IS(off)) (Max)	100pA	Crosstalk	-90dB @ 1MHz
Charge Injection	1pC	Channel-to-Channel Matching (ΔRon)	800 mOhm
Channel Capacitance (CS(off), CD(off))	8pF, 8pF	Base Part Number	ISL84542
-3db Bandwidth	-		
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RELATED PRODUCTS			
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	Part#: ISL84542IH-T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Intersil	RFQ
	Part#: ISL84543CBZ-T Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542IBZ Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542CB-T Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84543CB-T Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL84542IBZ-T Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542IHZ-T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Intersil	RFQ
	Part#: ISL84541IU-T Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL84542IP Description: IC SWITCH DUAL SPST 8DIP	Manufacturers: Intersil	RFQ
	Part#: ISL84541IUZ Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL84543CBZ Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542IPZ Description: IC SWITCH DUAL SPST 8DIP	Manufacturers: Intersil	RFQ
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	Part#: ISL84541IUZ-T Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Intersil	RFQ
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