

ISL84522IBZ



A Renesas Company

Part Number: [ISL84522IBZ](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [ISL84521](#), [ISL84522](#), [ISL84523](#)

RoHs Status: Lead free / RoHS Compliant

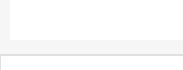
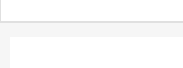
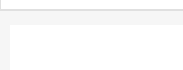
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL84522IBZ	Manufacturer	Intersil
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	97910 pcs	Data sheet	ISL84521 , ISL84522 , ISL84523
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2 V ~ 12 V
Voltage - Supply, Dual (V±)	±2 V ~ 6 V	Switch Time (Ton, Toff) (Max)	80ns, 30ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
Series	-	Packaging	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	100 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	9 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 100 Ohm 16-SOIC	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-90dB @ 100kHz	Charge Injection	1pC
Channel-to-Channel Matching (ΔRon)	1 Ohm	Channel Capacitance (CS(off), CD(off))	2pF, 2pF
Base Part Number	ISL84522	-3db Bandwidth	-
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	Part#: ISL84522IVZ-T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL84523IB-T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Intersil	RFQ
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