

ISL43144IRZ





Part Number: [ISL43144IRZ](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH QUAD SPST 16QFN

Data sheet:  [ISL4314\(3-5\)](#)

RoHs Status: Lead free / RoHS Compliant

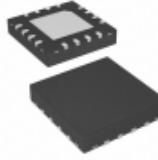
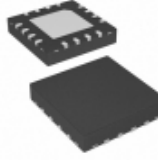
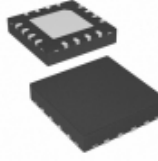
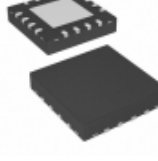
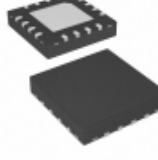
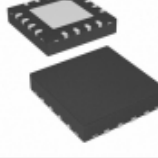
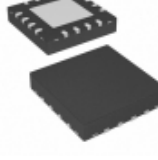
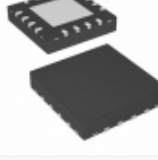
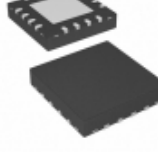
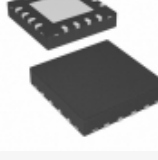
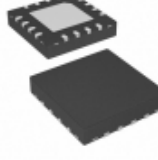
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	ISL43144IRZ	Manufacturer	Intersil
Description	IC SWITCH QUAD SPST 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4098 pcs	Data sheet	ISL4314(3-5)
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±2.6 V ~ 6 V	Switch Time (Ton, Toff) (Max)	65ns, 50ns
Switch Circuit	SPST - NO	Supplier Device Package	16-QFN (4x4)
Series	-	Packaging	Tube
Package / Case	16-VQFN Exposed Pad	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	25 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 1:1 25 Ohm 16-QFN (4x4)
Current - Leakage (IS(off)) (Max)	100pA	Crosstalk	-89dB @ 1MHz
Charge Injection	5pC (Max)	Channel-to-Channel Matching (ΔRon)	500 mOhm
Channel Capacitance (CS(off), CD(off))	10pF, 26pF	Base Part Number	ISL43144
-3db Bandwidth	-		
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RELATED PRODUCTS			
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	Part#: ISL43144IR-T Description: IC SWITCH QUAD SPST 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL43144IVZ Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43145IV Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43144IVZ-T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43144IV Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL43143IVZ-T Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL43144IRZ-T Description: IC SWITCH QUAD SPST 16QFN	Manufacturers: Intersil	RFQ
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