

ISL84581IAZ



A Renesas Company

Part Number: [ISL84581IAZ](#)

Manufacturer: [Intersil](#)

Description: IC MULTIPLEXER 8X1 16QSOP

Data sheet:  [ISL84581](#)

RoHs Status: Lead free / RoHS Compliant

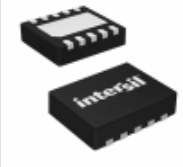
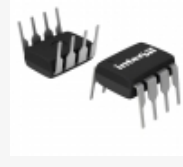
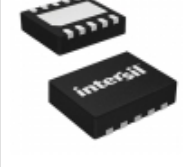
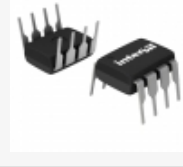
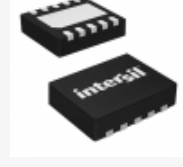
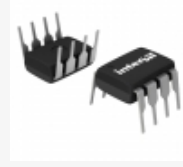
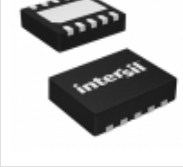
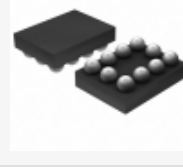
Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL84581IAZ	Manufacturer	Intersil
Description	IC MULTIPLEXER 8X1 16QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	83310 pcs	Data sheet	ISL84581
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)	50ns, 35ns
Switch Circuit	-	Supplier Device Package	16-QSOP
Series	-	Packaging	Tube
Package / Case	16-SSOP (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	60 Ohm	Number of Circuits	1
Multiplexer/Demultiplexer Circuit	8:1	Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	1 Circuit IC Switch 8:1 60 Ohm 16-QSOP
Current - Leakage (IS(off)) (Max)	20pA (Typ)	Crosstalk	-
Charge Injection	0.3pC	Channel-to-Channel Matching (ΔRon)	1.3 Ohm
Channel Capacitance (CS(off), CD(off))	3pF, 21pF	Base Part Number	ISL84581
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: ISL84544IB-T Description: IC SWITCH SPDT 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84544IBZ-T Description: IC SWITCH SPDT 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84684IR-T Description: IC SWITCH DUAL SPDT 10TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL84544CPZ Description: IC SWITCH SPDT 8DIP	Manufacturers: Intersil	RFQ
	Part#: ISL84684IR Description: IC SWITCH DUAL SPDT 10TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL84544CP Description: IC SWITCH SPDT 8DIP	Manufacturers: Intersil	RFQ
	Part#: ISL84581IVZ-T Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL84684IRZ Description: IC SWITCH DUAL SPDT 10TDFN	Manufacturers: Intersil	RFQ
	Part#: ISL84544IBZ Description: IC SWITCH SPDT 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84544IP Description: IC SWITCH SPDT 8DIP	Manufacturers: Intersil	RFQ
	Part#: ISL84544IPZ Description: IC SWITCH SPDT 8DIP	Manufacturers: Intersil	RFQ
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	Part#: ISL84581IVZ Description: IC MULTIPLEXER 8X1 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL84582IVZ Description: IC MUX/DEMUX DUAL 4X1 16TSSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL84684IIZ-T Description: IC SWITCH DUAL SPDT 10WLCSP	Manufacturers: Intersil	RFQ
	Part#: ISL84544IHZ-T Description: IC SWITCH SPDT SOT23-6	Manufacturers: Intersil	RFQ
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	Part#: ISL84544IH-T Description: IC SWITCH SPDT SOT23-6	Manufacturers: Intersil	RFQ
	Part#: ISL84544IB Description: IC SWITCH SPDT 8SOIC	Manufacturers: Intersil	RFQ

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