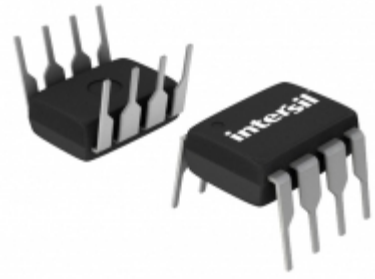


ISL84542CP



Images are for reference only.
See Product Specifications for product details.
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Part Number: [ISL84542CP](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH DUAL SPST 8DIP

Data sheet:  [ISL84541-44](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	ISL84542CP	Manufacturer	Intersil
Description	IC SWITCH DUAL SPST 8DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5132 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-PDIP
Series	-	Packaging	Tube
Package / Case	8-DIP (0.300", 7.62mm)	Operating Temperature	0°C ~ 70°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-PDIP
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			
	Part#: ISL84543CB Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542CB Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542IBZ-T Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542IB-T Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL84542IH-T Description: IC SWITCH DUAL SPST SOT23-8	Manufacturers: Intersil	RFQ
	Part#: ISL84541IU-T Description: IC SWITCH DUAL SPST 8MSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL84541IPZ Description: IC SWITCH DUAL SPST 8DIP	Manufacturers: Intersil	RFQ
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	Part#: ISL84542IBZ Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL84542IB Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Intersil	RFQ
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