

ADGS1212BCPZ-RL7



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Part Number: [ADGS1212BCPZ-RL7](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC SWITCH SPST QUAD 24-LFCSP

Data sheet:  [ADGS1212 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

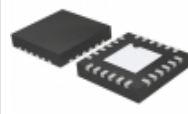
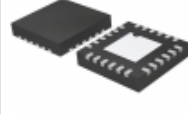
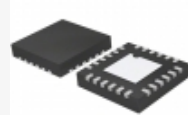
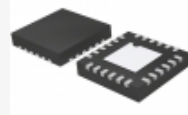
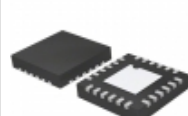
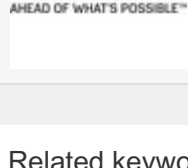
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ADGS1212BCPZ-RL7	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC SWITCH SPST QUAD 24-LFCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22722 pcs	Data sheet	ADGS1212 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	5 V ~ 16.5 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 16.5 V	Switch Time (Ton, Toff) (Max)	490ns, 225ns
Switch Circuit	SPST - NO	Supplier Device Package	24-LFCSP-WQ (4x4)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	24-WFQFN Exposed Pad, CSP	Operating Temperature	-40°C ~ 125°C (TA)
On-State Resistance (Max)	260 Ohm, 625 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 260 Ohm, 625 Ohm 24-LFCSP-WQ (4x4)	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-110dB @ 1MHz	Charge Injection	1pC
Channel-to-Channel Matching (ΔRon)	11 Ohm, 27 Ohm	Channel Capacitance (CS(off), CD(off))	1.4pF, 1.5pF
Base Part Number	ADGS1212	-3db Bandwidth	1GHz
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RELATED PRODUCTS			
	Part#: ADGS1408BCPZ Description: SPI INTERFACE LOW RON 8:1 MUX, 1	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGM1004JCPZ-RL7 Description: >1KV HBM ESD MEMS SWITCH SOLUTIO	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS1412BCPZ-RL7 Description: IC SWITCH SPST QUAD 24-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS1412BCPZ Description: IC SWITCH SPST QUAD 24-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGM1004JCPZ-R2 Description: SWITCH SP4T 24-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS5412BCPZ-RL7 Description: IC SWITCH QUAD SPST SPI 24LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS5412BCPZ Description: IC SWITCH QUAD SPST SPI 24LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS1612BCPZ Description: IC SWITCH SPST QUAD 24-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADG936BRUZ-REEL7 Description: IC SW DUAL SPDT ABSORPT 20TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS1209BCPZ Description: SPI LOW CHARGE INJECTION, LEAKAG	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS1409BCPZ Description: SPI INTERFACE LOW RON DIFF 4:1 M	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: ADGS1612BCPZ-RL7 Description: SPI LOW RON 4XSPST	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGM1304JCPZ-R2 Description: DC TO 14GHZ MEMS SWITCH	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS1408BCPZ-RL7 Description: SPI INTERFACE LOW RON 8:1 MUX, 1	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGS1212BCPZ Description: IC SWITCH SPST QUAD 24-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADGM1304JCPZ-RL7 Description: DC TO 14GHZ MEMS SWITCH	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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