



ADG412BR Information

Part Number ADG412BR

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

Demultiplexers

Description IC SWITCH QUAD SPST 16SOIC **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

u

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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ADG412BR Specifications

Manufacturer Part Number ADG412BR Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-SOIC (0.154", 3.90mm Width) Series - Switch Circuit SPST - NO Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) 35 Ohm Channel-to-Channel Matching (Ron) - Voltage - Supply, Single (V+) 12V Voltage - Supply, Dual (V±) ±15V Switch Time (Ton, Toff) (Max) 175ns, 145ns -3db Bandwidth - Charge Injection 5pC Channel Capacitance (CS(off), CD(off)) 9pF, 9pF Current - Leakage (IS(off)) (Max) 250pA Crosstalk -85dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	•	
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Voltage - Supply, Single (V+) Voltage - Supply, Dual (V±) Switch Time (Ton, Toff) (Max) -3db Bandwidth -Charge Injection Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk -85dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	On-State Resistance (Max)	35 Ohm
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-3db Bandwidth - Charge Injection 5pC Channel Capacitance (CS(off), CD(off)) 9pF, 9pF Current - Leakage (IS(off)) (Max) 250pA Crosstalk -85dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Voltage - Supply, Dual (V±)	±15V
Charge Injection 5pC Channel Capacitance (CS(off), CD(off)) 9pF, 9pF Current - Leakage (IS(off)) (Max) 250pA Crosstalk -85dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Switch Time (Ton, Toff) (Max)	175ns, 145ns
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Current - Leakage (IS(off)) (Max) Crosstalk -85dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Charge Injection	5pC
Crosstalk -85dB @ 1MHz Operating Temperature -40°C \sim 85°C (TA) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Channel Capacitance (CS(off), CD(off))	9pF, 9pF
Operating Temperature -40°C ~ 85°C (TA) Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Current - Leakage (IS(off)) (Max)	250pA
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Crosstalk	-85dB @ 1MHz
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

ADG412BR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

ADG412BR Payment Methods



















ADG412BR Shipping Methods













If you have any question about ADG412BR, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com