

ADG1611BCPZ-REEL7

ADG1611BCPZ-REEL7 Information



For Reference Only

Part Number ADG1611BCPZ-REEL7

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

Demultiplexers

Description IC SWITCH QUAD SPST 16LFCSP

Package 16-VQFN Exposed Pad, CSP

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









ADG1611BCPZ-REEL7 Specifications

Manufacturer ADG/61 IB CPZ-REEL/ Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-VQFN Exposed Pad, CSP Series - Switch Circuit SPST - NC Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) 1.1 Ohm Channel-to-Channel Matching (Ron) 30 mOhm Voltage - Supply, Single (V+) 3.3 V ~ 16 V Voltage - Supply, Dual (V±) ±3.3 V ~ 8 V Switch Time (Ton, Toff) (Max) 156ns, 87ns -3db Bandwidth 38MHz Charge Injection 170pC Channel Capacitance (CS(off), CD(off)) 60pF, 60pF Current - Leakage (IS(off)) (Max) 300pA Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	M. C. D. D. D. L.	A DOLOLIN COZ DEEL Z
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Series - Switch Circuit SPST - NC Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) 1.1 Ohm Channel-to-Channel Matching (Ron) 30 mOhm Voltage - Supply, Single (V+) 3.3 V ~ 16 V Voltage - Supply, Dual (V±) ±3.3 V ~ 8 V Switch Time (Ton, Toff) (Max) 156ns, 87ns -3db Bandwidth 38MHz Charge Injection 170pC Channel Capacitance (CS(off), CD(off)) 60pF, 60pF Current - Leakage (IS(off)) (Max) 300pA Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)		Interface - Analog Switches, Multiplexers, Demultiplexers
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Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) 3.3 V ~ 16 V Voltage - Supply, Dual (V±) \$\frac{\pmatch{\text{2}}}{\pmatch{\text{2}}}\$ \text{2.3 V ~ 8 V} Switch Time (Ton, Toff) (Max) -3db Bandwidth \$\frac{\text{38MHz}}{\pmatch{\text{2}}}\$ \text{38MHz} Charge Injection \$\frac{\text{170pC}}{\text{20pC}}\$ \text{60pF} Current - Leakage (IS(off)) (Max) \$\frac{\text{300pA}}{\text{20pC}}\$ \text{300pA} Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case \$\text{16-VQFN Exposed Pad, CSP}\$ Supplier Device Package	Number of Circuits	4
Voltage - Supply, Single (V+) Voltage - Supply, Dual (V±) ±3.3 V ~ 8 V Switch Time (Ton, Toff) (Max) -3db Bandwidth Charge Injection 170pC Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case Supplier Device Package 16-LFCSP-VQ (4x4)	On-State Resistance (Max)	1.1 Ohm
Voltage - Supply, Dual (V±) ±3.3 V ~ 8 V Switch Time (Ton, Toff) (Max) 156ns, 87ns -3db Bandwidth 38MHz Charge Injection 170pC Channel Capacitance (CS(off), CD(off)) 60pF, 60pF Current - Leakage (IS(off)) (Max) 300pA Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	Channel-to-Channel Matching (Ron)	30 mOhm
Switch Time (Ton, Toff) (Max) -3db Bandwidth Charge Injection 170pC Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package	Voltage - Supply, Single (V+)	3.3 V ~ 16 V
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Charge Injection 170pC Channel Capacitance (CS(off), CD(off)) 60pF, 60pF Current - Leakage (IS(off)) (Max) 300pA Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	Switch Time (Ton, Toff) (Max)	156ns, 87ns
Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	-3db Bandwidth	38MHz
Current - Leakage (IS(off)) (Max) Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	Charge Injection	170pC
Crosstalk -110dB @ 1MHz Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	Channel Capacitance (CS(off), CD(off))	60pF, 60pF
Operating Temperature -40°C ~ 125°C (TA) Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	Current - Leakage (IS(off)) (Max)	300pA
Package / Case 16-VQFN Exposed Pad, CSP Supplier Device Package 16-LFCSP-VQ (4x4)	Crosstalk	-110dB @ 1MHz
Supplier Device Package 16-LFCSP-VQ (4x4)	Operating Temperature	-40°C ~ 125°C (TA)
	Package / Case	16-VQFN Exposed Pad, CSP
Report errors?	Supplier Device Package	16-LFCSP-VQ (4x4)
		Report errors?

ADG1611BCPZ-REEL7 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.

ADG1611BCPZ-REEL7 Payment Methods

































If you have any question about ADG1611BCPZ-REEL7, please do not hesitate to contact us!

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