

## ADG726BCPZ-REEL

### **ADG726BCPZ-REEL Information**



For Reference Only

Part Number ADG726BCPZ-REEL

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

**Demultiplexers** 

**Description** IC MULTIPLEXER DUAL 16X1 48LFCSP

Package 48-VFQFN 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.









# **ADG726BCPZ-REEL Specifications**

Manufacturer Part Number         ADG726BCPZ-REEL           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           Interface - Analog Switches, Multiplexers, Demultiplexers           Package         48-VFQFN Exposed Pad, CSP           Series         -           Switch Circuit         -           Multiplexer/Demultiplexer Circuit         16:1           Number of Circuits         2           On-State Resistance (Max)         5.5 Ohm           Channel-to-Channel Matching (Ron)         -           Voltage - Supply, Single (V+)         1.8 V ~ 5.5 V           Voltage - Supply, Dual (V±)         ±2.5V           Switch Time (Ton, Toff) (Max)         -           -3db Bandwidth         35MHz           Charge Injection         1pC           Channel Capacitance (CS(off), CD(off))         13pF, 130pF           Current - Leakage (IS(off)) (Max)         250pA           Crosstalk         -72dB @ 1MHz           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         48-VFQFN Exposed Pad, CSP           Supplier Device Package         48-LFCSP (7x7)		
Category         Integrated Circuits (ICs)           Interface - Analog Switches, Multiplexers, Demultiplexers           Package         48-VFQFN Exposed Pad, CSP           Series         -           Switch Circuit         -           Multiplexer/Demultiplexer Circuit         16:1           Number of Circuits         2           On-State Resistance (Max)         5.5 Ohm           Channel-to-Channel Matching (Ron)         -           Voltage - Supply, Single (V+)         1.8 V ~ 5.5 V           Voltage - Supply, Dual (V±)         ±2.5 V           Switch Time (Ton, Toff) (Max)         -           -3db Bandwidth         35MHz           Charge Injection         1pC           Channel Capacitance (CS(off), CD(off))         13pF, 130pF           Current - Leakage (IS(off)) (Max)         250pA           Crosstalk         -72dB @ 1MHz           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         48-VFQFN Exposed Pad, CSP           Supplier Device Package         48-LFCSP (7x7)	Manufacturer Part Number	ADG726BCPZ-REEL
Interface - Analog Switches, Multiplexers, Demultiplexers	Manufacturer	Analog Devices Inc.
Package         48-VFQFN Exposed Pad, CSP           Series         -           Switch Circuit         -           Multiplexer/Demultiplexer Circuit         16:1           Number of Circuits         2           On-State Resistance (Max)         5.5 Ohm           Channel-to-Channel Matching (Ron)         -           Voltage - Supply, Single (V+)         1.8 V ~ 5.5 V           Voltage - Supply, Dual (V±)         ±2.5V           Switch Time (Ton, Toff) (Max)         -           -3db Bandwidth         35MHz           Charge Injection         1pC           Channel Capacitance (CS(off), CD(off))         13pF, 130pF           Current - Leakage (IS(off)) (Max)         250pA           Crosstalk         -72dB @ 1MHz           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         48-VFQFN Exposed Pad, CSP           Supplier Device Package         48-LFCSP (7x7)	Category	Integrated Circuits (ICs)
Series         -           Switch Circuit         -           Multiplexer/Demultiplexer Circuit         16:1           Number of Circuits         2           On-State Resistance (Max)         5.5 Ohm           Channel-to-Channel Matching (Ron)         -           Voltage - Supply, Single (V+)         1.8 V ~ 5.5 V           Voltage - Supply, Dual (V±)         ±2.5V           Switch Time (Ton, Toff) (Max)         -           -3db Bandwidth         35MHz           Charge Injection         1pC           Channel Capacitance (CS(off), CD(off))         13pF, 130pF           Current - Leakage (IS(off)) (Max)         250pA           Crosstalk         -72dB @ 1MHz           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         48-VFQFN Exposed Pad, CSP           Supplier Device Package         48-LFCSP (7x7)		Interface - Analog Switches, Multiplexers, Demultiplexers
Switch Circuit - 16:1  Number of Circuits 2  On-State Resistance (Max) 5.5 Ohm  Channel-to-Channel Matching (Ron) -  Voltage - Supply, Single (V+) 1.8 V ~ 5.5 V  Voltage - Supply, Dual (V±) ±2.5V  Switch Time (Ton, Toff) (Max) -  -3db Bandwidth 35MHz  Charge Injection 1pC  Channel Capacitance (CS(off), CD(off)) 13pF, 130pF  Current - Leakage (IS(off)) (Max) 250pA  Crosstalk -72dB @ 1MHz  Operating Temperature -40°C ~ 85°C (TA)  Package / Case 48-VFQFN Exposed Pad, CSP  Supplier Device Package (48-LFCSP (7x7)	Package	48-VFQFN Exposed Pad, CSP
Multiplexer/Demultiplexer Circuit  Number of Circuits  2 On-State Resistance (Max) 5.5 Ohm  Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) 1.8 V ~ 5.5 V  Voltage - Supply, Dual (V±) ±2.5V  Switch Time (Ton, Toff) (Max) -3db Bandwidth 35MHz  Charge Injection 1pC Channel Capacitance (CS(off), CD(off)) 13pF, 130pF  Current - Leakage (IS(off)) (Max) 250pA  Crosstalk -72dB @ 1MHz  Operating Temperature -40°C ~ 85°C (TA)  Package / Case 48-VFQFN Exposed Pad, CSP  Supplier Device Package	Series	-
Number of Circuits         2           On-State Resistance (Max)         5.5 Ohm           Channel-to-Channel Matching (Ron)         -           Voltage - Supply, Single (V+)         1.8 V ~ 5.5 V           Voltage - Supply, Dual (V±)         ±2.5V           Switch Time (Ton, Toff) (Max)         -           -3db Bandwidth         35MHz           Charge Injection         1pC           Channel Capacitance (CS(off), CD(off))         13pF, 130pF           Current - Leakage (IS(off)) (Max)         250pA           Crosstalk         -72dB @ 1MHz           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         48-VFQFN Exposed Pad, CSP           Supplier Device Package         48-LFCSP (7x7)	Switch Circuit	-
On-State Resistance (Max)  Channel-to-Channel Matching (Ron)  Voltage - Supply, Single (V+)  1.8 V ~ 5.5 V  Voltage - Supply, Dual (V±)  Switch Time (Ton, Toff) (Max)  -3db Bandwidth  35MHz  Charge Injection  1pC  Channel Capacitance (CS(off), CD(off))  Current - Leakage (IS(off)) (Max)  Crosstalk  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  Supplier Device Package  48-UFQFN Exposed Pad, CSP  Supplier Device Package	Multiplexer/Demultiplexer Circuit	16:1
Channel-to-Channel Matching (Ron)  Voltage - Supply, Single (V+)  Voltage - Supply, Dual (V±)  ±2.5V  Switch Time (Ton, Toff) (Max)  -3db Bandwidth  35MHz  Charge Injection  1pC  Channel Capacitance (CS(off), CD(off))  13pF, 130pF  Current - Leakage (IS(off)) (Max)  250pA  Crosstalk  -72dB @ 1MHz  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  48-VFQFN Exposed Pad, CSP  Supplier Device Package	Number of Circuits	2
Voltage - Supply, Single (V+)  Voltage - Supply, Dual (V±)  ±2.5V  Switch Time (Ton, Toff) (Max)  -3db Bandwidth  35MHz  Charge Injection  1pC  Channel Capacitance (CS(off), CD(off))  13pF, 130pF  Current - Leakage (IS(off)) (Max)  250pA  Crosstalk  -72dB @ 1MHz  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  48-VFQFN Exposed Pad, CSP  Supplier Device Package	On-State Resistance (Max)	5.5 Ohm
Voltage - Supply, Dual (V±) ±2.5V  Switch Time (Ton, Toff) (Max) -  -3db Bandwidth 35MHz  Charge Injection 1pC  Channel Capacitance (CS(off), CD(off)) 13pF, 130pF  Current - Leakage (IS(off)) (Max) 250pA  Crosstalk -72dB @ 1MHz  Operating Temperature -40°C ~ 85°C (TA)  Package / Case 48-VFQFN Exposed Pad, CSP  Supplier Device Package 48-LFCSP (7x7)	Channel-to-Channel Matching (Ron)	-
Switch Time (Ton, Toff) (Max)  -3db Bandwidth  Charge Injection  1pC  Channel Capacitance (CS(off), CD(off))  13pF, 130pF  Current - Leakage (IS(off)) (Max)  250pA  Crosstalk  -72dB @ 1MHz  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  48-VFQFN Exposed Pad, CSP  Supplier Device Package	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
-3db Bandwidth 35MHz  Charge Injection 1pC  Channel Capacitance (CS(off), CD(off)) 13pF, 130pF  Current - Leakage (IS(off)) (Max) 250pA  Crosstalk -72dB @ 1MHz  Operating Temperature -40°C ~ 85°C (TA)  Package / Case 48-VFQFN Exposed Pad, CSP  Supplier Device Package 48-LFCSP (7x7)	Voltage - Supply, Dual (V±)	±2.5V
Charge Injection 1pC Channel Capacitance (CS(off), CD(off)) 13pF, 130pF Current - Leakage (IS(off)) (Max) 250pA Crosstalk -72dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 48-VFQFN Exposed Pad, CSP Supplier Device Package 48-LFCSP (7x7)	Switch Time (Ton, Toff) (Max)	-
Channel Capacitance (CS(off), CD(off))  Current - Leakage (IS(off)) (Max)  Crosstalk  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  48-VFQFN Exposed Pad, CSP  Supplier Device Package  48-LFCSP (7x7)	-3db Bandwidth	35MHz
Current - Leakage (IS(off)) (Max)  Crosstalk  -72dB @ 1MHz  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  48-VFQFN Exposed Pad, CSP  Supplier Device Package  48-LFCSP (7x7)	Charge Injection	1pC
Crosstalk -72dB @ 1MHz  Operating Temperature -40°C $\sim$ 85°C (TA)  Package / Case 48-VFQFN Exposed Pad, CSP  Supplier Device Package 48-LFCSP (7x7)	Channel Capacitance (CS(off), CD(off))	13pF, 130pF
Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  48-VFQFN Exposed Pad, CSP  Supplier Device Package  48-LFCSP (7x7)	Current - Leakage (IS(off)) (Max)	250pA
Package / Case 48-VFQFN Exposed Pad, CSP Supplier Device Package 48-LFCSP (7x7)	Crosstalk	-72dB @ 1MHz
Supplier Device Package 48-LFCSP (7x7)	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	48-VFQFN Exposed Pad, CSP
Report errors?	Supplier Device Package	48-LFCSP (7x7)
		Report errors?

#### **ADG726BCPZ-REEL 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.

### **ADG726BCPZ-REEL Payment Methods**





















## **ADG726BCPZ-REEL Shipping Methods**













If you have any question about ADG726BCPZ-REEL, please do not hesitate to contact us!

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