



### MPC509AU/1K Information



For Reference Only

Part Number MPC509AU/1K
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

**Demultiplexers** 

**Description** IC MULTIPLEXER DUAL 1X4 16SOIC

**Package** 16-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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## MPC509AU/1K Specifications

Manufacturer Part Number         MPC509AU/1K           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Interface - Analog Switches, Multiplexers, Demultiplexers           Package         16-SOIC (0.295", 7.50mm Width)           Series         -           Switch Circuit         SP4T           Multiplexer/Demultiplexer Circuit         4:1           Number of Circuits         2           On-State Resistance (Max)         1.5 kOhm           Channel-to-Channel Matching (Ron)         -           Voltage - Supply, Single (V+)         -           Voltage - Supply, Dual (V±)         ±5 V ~ 22 V           Switch Time (Ton, Toff) (Max)         200ns, 250ns (Typ)           -3db Bandwidth         -           Charge Injection         -           Channel Capacitance (CS(off), CD(off))         5pF, 12pF           Current - Leakage (IS(off)) (Max)         500pA (Typ)           Crosstalk         -           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         16-SOIC (0.295", 7.50mm Width)           Supplier Device Package         16-SOIC	•	
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Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

#### MPC509AU/1K 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.

### MPC509AU/1K Payment Methods



















# MPC509AU/1K Shipping Methods













If you have any question about MPC509AU/1K, please do not hesitate to contact us!

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