



SN74HC4066NSR Information



For Reference Only

Part Number SN74HC4066NSR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

Demultiplexers

Description IC SWITCH QUAD 1X1 14SO **Package** 14-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

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



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SN74HC4066NSR Specifications

Manufacturer Part Number SN74HC4066NSR Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package 14-SOIC (0.209", 5.30mm Width) Series - Switch Circuit SPST - NO Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 4 On-State Resistance (Max) 30 Ohm (Typ) Channel-to-Channel Matching (Ron) - Voltage - Supply, Single (V+) 2 Voltage - Supply, Dual (V±) - Switch Time (Ton, Toff) (Max) 31ns, 34ns -3db Bandwidth 30MHz Charge Injection - Charge Injection - Charge Injection - Channel Capacitance (CS(off), CD(off)) 0.5pF, 9pF Current - Leakage (IS(off)) (Max) 100nA Crosstalk -45dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package 14-SOIC (0.209", 5.30mm Width)	•	
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Number of Circuits On-State Resistance (Max) Channel-to-Channel Matching (Ron) 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 -45dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package	Switch Circuit	SPST - NO
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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 Operating Temperature Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package	On-State Resistance (Max)	30 Ohm (Typ)
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 Operating Temperature Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package	Channel-to-Channel Matching (Ron)	-
Switch Time (Ton, Toff) (Max) -3db Bandwidth Charge Injection Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk -45dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package	Voltage - Supply, Single (V+)	2 V ~ 6 V
-3db Bandwidth 30MHz Charge Injection - Channel Capacitance (CS(off), CD(off)) 0.5pF, 9pF Current - Leakage (IS(off)) (Max) 100nA Crosstalk -45dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package 14-SOP	Voltage - Supply, Dual (V±)	-
Charge Injection - Channel Capacitance (CS(off), CD(off)) 0.5pF, 9pF Current - Leakage (IS(off)) (Max) 100nA Crosstalk -45dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package 14-SOP	Switch Time (Ton, Toff) (Max)	31ns, 34ns
Channel Capacitance (CS(off), CD(off)) Current - Leakage (IS(off)) (Max) Crosstalk Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package	-3db Bandwidth	30MHz
Current - Leakage (IS(off)) (Max) Crosstalk Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package	Charge Injection	-
Crosstalk -45dB @ 1MHz Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package 14-SOP	Channel Capacitance (CS(off), CD(off))	0.5pF, 9pF
Operating Temperature -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package 14-SOP	Current - Leakage (IS(off)) (Max)	100nA
Package / Case 14-SOIC (0.209", 5.30mm Width) Supplier Device Package 14-SOP	Crosstalk	-45dB @ 1MHz
Supplier Device Package 14-SOP	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?	Supplier Device Package	14-SOP
		Report errors?

SN74HC4066NSR 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.

SN74HC4066NSR Payment Methods



















SN74HC4066NSR Shipping Methods













If you have any question about SN74HC4066NSR, please do not hesitate to contact us!

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