



MAX4660ESA+ Information



For Reference Only

Part Number MAX4660ESA+
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

Demultiplexers

Description IC SWITCH SPDT 8SOIC

Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad

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

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MAX4660ESA+ Specifications

| Manufacturer Part Number Maxim Integrated Category Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Switch Circuit SPDT Multiplexer/Demultiplexer Circuit Number of Circuits On-State Resistance (Max) Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) Maxim Integrated Maxim Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers 8-SOIC (0.154", 3.90mm Width) Exposed Pad 2:1 Number of Circuits 1 0n-State Resistance (Max) 25 Ohm Channel-to-Channel Matching (Ron) Voltage - Supply, Single (V+) 9 V ~ 40 V | • | |
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| Category Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Switch Circuit SPDT Multiplexer/Demultiplexer Circuit Number of Circuits 1 On-State Resistance (Max) Channel-to-Channel Matching (Ron) Integrated Circuits (ICs) Integrated Circuits | Manufacturer Part Number | MAX4660ESA+ |
| Interface - Analog Switches, Multiplexers, Demultiplexers Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Switch Circuit SPDT Multiplexer/Demultiplexer Circuit 2:1 Number of Circuits 1 On-State Resistance (Max) 25 Ohm Channel-to-Channel Matching (Ron) 400 mOhm | Manufacturer | Maxim Integrated |
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| Series - Switch Circuit SPDT Multiplexer/Demultiplexer Circuit 2:1 Number of Circuits 1 On-State Resistance (Max) 25 Ohm Channel-to-Channel Matching (Ron) 400 mOhm | | Interface - Analog Switches, Multiplexers, Demultiplexers |
| Switch Circuit Multiplexer/Demultiplexer Circuit Number of Circuits On-State Resistance (Max) Channel-to-Channel Matching (Ron) SPDT 2:1 Number of Circuits 1 On-State Resistance (Max) 25 Ohm 400 mOhm | Package | 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| Multiplexer/Demultiplexer Circuit 2:1 Number of Circuits 1 On-State Resistance (Max) 25 Ohm Channel-to-Channel Matching (Ron) 400 mOhm | Series | - |
| Number of Circuits On-State Resistance (Max) Channel-to-Channel Matching (Ron) 1 25 Ohm 400 mOhm | Switch Circuit | SPDT |
| On-State Resistance (Max) Channel-to-Channel Matching (Ron) 25 Ohm 400 mOhm | Multiplexer/Demultiplexer Circuit | 2:1 |
| Channel-to-Channel Matching (Ron) 400 mOhm | Number of Circuits | 1 |
| | On-State Resistance (Max) | 25 Ohm |
| Voltage - Supply, Single $(V+)$ 9 V ~ 40 V | Channel-to-Channel Matching (Ron) | 400 mOhm |
| | Voltage - Supply, Single (V+) | 9 V ~ 40 V |
| Voltage - Supply, Dual (V \pm) $\pm 4.5 \text{ V} \sim 20 \text{ V}$ | Voltage - Supply, Dual (V±) | $\pm 4.5 \text{ V} \sim 20 \text{ V}$ |
| Switch Time (Ton, Toff) (Max) | Switch Time (Ton, Toff) (Max) | - |
| -3db Bandwidth 225MHz | -3db Bandwidth | 225MHz |
| Charge Injection 1.5pC | Charge Injection | 1.5pC |
| Channel Capacitance (CS(off), CD(off)) 6pF | Channel Capacitance (CS(off), CD(off)) | 6pF |
| Current - Leakage (IS(off)) (Max) 1nA | Current - Leakage (IS(off)) (Max) | 1nA |
| Crosstalk -76dB @ 1MHz | Crosstalk | -76dB @ 1MHz |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ | Operating Temperature | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ |
| Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad | Package / Case | 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| Supplier Device Package 8-SOIC-EP | Supplier Device Package | 8-SOIC-EP |
| Report errors? | | Report errors? |

MAX4660ESA+ 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.

MAX4660ESA+ Payment Methods

MAX4660ESA+ Shipping Methods

































If you have any question about MAX4660ESA+, please do not hesitate to contact us!

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