



MAX4680CWE Information



For Reference Only

Part Number MAX4680CWE

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)

Interface - Analog Switches, Multiplexers,

Demultiplexers

Description IC SWITCH DUAL SPST 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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Certified Quality

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MAX4680CWE Specifications

Manufacturer Part NumberMAX4680CWEManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)Interface - Analog Switches, Multiplexers, DemultiplexersPackage16-SOIC (0.295", 7.50mm Width)Series-Switch CircuitSPST - NCMultiplexer/Demultiplexer Circuit1:1Number of Circuits2On-State Resistance (Max)1.25 OhmChannel-to-Channel Matching (Ron)90 mOhm	*	
Category Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-SOIC (0.295", 7.50mm Width) Series - Switch Circuit SPST - NC Multiplexer/Demultiplexer Circuit Number of Circuits 2 On-State Resistance (Max) Integrated Circuits (ICs) Integrated Circuits (ICs) Integrated Circuits (ICs) Figure 16-SOIC (0.295", 7.50mm Width) - SPST - NC 1:1 1:1 Number of Circuits 1:1 Number of Circuits 1:25 Ohm	Manufacturer Part Number	MAX4680CWE
Interface - Analog Switches, Multiplexers, Demultiplexers Package 16-SOIC (0.295", 7.50mm Width) Series - Switch Circuit SPST - NC Multiplexer/Demultiplexer Circuit 1:1 Number of Circuits 2 On-State Resistance (Max) 1.25 Ohm	Manufacturer	Maxim Integrated
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Switch Circuit Multiplexer/Demultiplexer Circuit Number of Circuits On-State Resistance (Max) SPST - NC 1:1 1:1 1:1 1:1 1:25 Ohm	Package	16-SOIC (0.295", 7.50mm Width)
Multiplexer/Demultiplexer Circuit1:1Number of Circuits2On-State Resistance (Max)1.25 Ohm	Series	-
Number of Circuits 2 On-State Resistance (Max) 1.25 Ohm	Switch Circuit	SPST - NC
On-State Resistance (Max) 1.25 Ohm	Multiplexer/Demultiplexer Circuit	1:1
	Number of Circuits	2
Channel-to-Channel Matching (Ron) 90 mOhm	On-State Resistance (Max)	1.25 Ohm
	Channel-to-Channel Matching (Ron)	90 mOhm
Voltage - Supply, Single (V+) $4.5 \text{ V} \sim 36 \text{ V}$	Voltage - Supply, Single (V+)	4.5 V ~ 36 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) 275ns, 175ns	Switch Time (Ton, Toff) (Max)	275ns, 175ns
-3db Bandwidth -	-3db Bandwidth	-
Charge Injection 55pC	Charge Injection	55pC
Channel Capacitance (CS(off), CD(off)) 115pF, 115pF	Channel Capacitance (CS(off), CD(off))	115pF, 115pF
Current - Leakage (IS(off)) (Max) 500pA	Current - Leakage (IS(off)) (Max)	500pA
Crosstalk -65dB @ 1MHz	Crosstalk	-65dB @ 1MHz
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Package / Case 16-SOIC (0.295", 7.50mm Width)	Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package 16-SO	Supplier Device Package	16-SO
Report errors		Report errors?

MAX4680CWE 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.

MAX4680CWE Payment Methods



















MAX4680CWE Shipping Methods













If you have any question about MAX4680CWE, please do not hesitate to contact us!

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