



Image may be representation.
See specifications for product details.



MAX4053AEEE+T

Manufacturer Part Number	MAX4053AEEE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4053AEEE+T
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDT X 3 100OHM 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MAX4051(A)-53(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX4053AEEE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4053AEEE+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX4053AEEE+T, please send us email: info@allelco.com

Specifications

MAX4053AEEE+T Tech Specifications

MAX4053AEEE+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	3
Voltage - Supply, Single (V+)	2V ~ 16V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	±2.7V ~ 8V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	175ns, 150ns	Current - Leakage (IS(off)) (Max)	100pA
Switch Circuit	SPDT	Crosstalk	-90dB @ 100kHz
Supplier Device Package	16-QSOP	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	60hm (Max)
Package / Case	16-SSOP (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	2pF, 2pF
Package	Tape & Reel (TR)	Base Product Number	MAX4053
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	100Ohm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4053AEEE+T

Product Attribute				
Part Number	MAX4053AEEE+T	MAX4053EEE+T	MAX4053ACEE	MAX4052ESE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Crosstalk	-90dB @ 100kHz	-90dB @ 100kHz	-90dB @ 100kHz	-90dB @ 100kHz
Switch Circuit	SPDT	SPDT	SPDT	SP4T
Base Product Number	MAX4053	MAX4053	MAX4053	MAX4052
Channel-to-Channel Matching (ΔRon)	60hm (Max)	120hm (Max)	60hm (Max)	120hm (Max)
Supplier Device Package	16-QSOP	16-QSOP	16-QSOP	16-SOIC
Channel Capacitance (CS(off), CD(off))	2pF, 2pF	2pF, 2pF	2pF, 2pF	2pF, 2pF
Voltage - Supply, Dual (V±)	±2.7V ~ 8V	±2.7V ~ 8V	±2.7V ~ 8V	±2.7V ~ 8V
Switch Time (Ton, Toff) (Max)	175ns, 150ns	175ns, 150ns	175ns, 150ns	175ns, 150ns
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Current - Leakage (IS(off)) (Max)	100pA	1nA	100pA	1nA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	3	3	3	2
Package / Case	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
-3db Bandwidth	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Charge Injection	2pC	2pC	2pC	2pC
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
Voltage - Supply, Single (V+)	2V ~ 16V	2V ~ 16V	2V ~ 16V	2V ~ 16V
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	4:1

MAX4053AEEE+T Datasheet PDF

Download MAX4053AEEE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4053AEEE+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX4051\(A\)-53\(A\).pdf](#)


Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

 Part Numbering System.pdf

Application Notes

 Fan Speed Control Is Cool!.pdf

Customers Also Interested in

Recommended Products



MAX4053EEE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP



MAX4053ACEE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP



MAX4052ESE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100OHM 16SOIC



MAX4053ESE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16SOIC



MAX4053ACEE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP



MAX4052ESE

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 100OHM 16SOIC



MAX4053ACSE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16SOIC



MAX4053EEE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP



MAX4053CPA

Analog Devices Inc./Maxim Integrated
IC 180MHZ VIDEO BUFFER 8DIP



MAX4053AEEE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP



MAX4053ACEE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16SOIC



MAX4053CSE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16SOIC



MAX4053CEE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP



MAX4053CSE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16SOIC



MAX4053CPE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16DIP



MAX4053EPE+

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16DIP



MAX4053CEE

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP



MAX4053ACEE+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 3 100OHM 16QSOP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

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Email

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Certifications & Memberships



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