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See specifications for product details.



MAX14778ETP+T

Manufacturer Part Number	MAX14778ETP+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX14778ETP+T
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SP4T X 2 1.5OHM 20TQFN
Package	20-WQFN Exposed Pad
Data sheet	MAX14778.pdf MAX14778.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX14778ETP+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX14778ETP+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX14778ETP+T, please send us email: info@allelco.com

Specifications

MAX14778ETP+T Tech Specifications
MAX14778ETP+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	2
Voltage - Supply, Single (V+)	3V ~ 5.5V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	2ms, 1.5ms	Current - Leakage (IS(off)) (Max)	1µA
Switch Circuit	SP4T	Crosstalk	-103dB @ 100kHz
Supplier Device Package	20-TQFN (5x5)	Charge Injection	1720pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	20-WQFN Exposed Pad	Channel Capacitance (CS(off), CD(off))	78pF
Package	Tape & Reel (TR)	Base Product Number	MAX14778
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	75MHz
On-State Resistance (Max)	1.50hm		

Parts with Similar Specifications

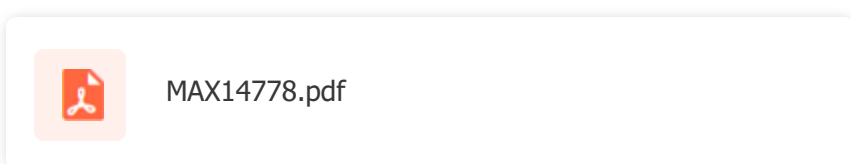
The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX14778ETP+T

Product Attribute				
Part Number	MAX14778ETP+T	MAX14763ETA+T	MAX14778ETP+	MAX14777GTP+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of Circuits	2	1	2	4
Base Product Number	MAX14778	MAX14763	MAX14778	MAX14777
On-State Resistance (Max)	1.50hm	20hm	1.50hm	100hm
Channel-to-Channel Matching (ΔRon)	-	5.1mOhm	-	200mOhm (Max)
Switch Circuit	SP4T	SPDT	SP4T	SPST - NO
Charge Injection	1720pC	1370pC	1720pC	225pC
Current - Leakage (IS(off)) (Max)	1µA	250nA	1µA	20nA
Channel Capacitance (CS(off), CD(off))	78pF	-	78pF	12pF
Series	-	-	-	Beyond-the-Rails™
Voltage - Supply, Single (V+)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
-3db Bandwidth	75MHz	100MHz	75MHz	380MHz
Supplier Device Package	20-TQFN (5x5)	8-TDFN (3x3)	20-TQFN (5x5)	20-TQFN (4x4)
Switch Time (Ton, Toff) (Max)	2ms, 1.5ms	1.8µs, 1ns	2ms, 1.5ms	40µs, 100µs
Package / Case	20-WQFN Exposed Pad	8-WDFN Exposed Pad	20-WQFN Exposed Pad	20-WQFN Exposed Pad
Crosstalk	-103dB @ 100kHz	-83dB @ 100kHz	-103dB @ 100kHz	-101dB @ 100kHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Voltage - Supply, Dual (V±)	-	-	-	-
Multiplexer/Demultiplexer Circuit	4:1	2:1	4:1	1:1

MAX14778ETP+T Datasheet PDF

Download MAX14778ETP+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX14778ETP+T - Analog Devices Inc./Maxim Integrated.

Datasheets



Environmental Information

Maxim Integrated RoHS Cert.pdf

Red Phosphorous Certificate.pdf

Material Declaration MAX14778ETP+T.pdf

Part Numbering Guide

Part Numbering System.pdf

Application Notes

Analog Integration Drives Factory Integration.pdf

HTML Datasheet

MAX14778.pdf

Customers Also Interested in

Recommended Products



MAX14776EATA+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8TDFN



MAX14776EESA+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14763ETA+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPDT X 1 20HM 8TDFN



MAX14780EESA+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14783EESA+

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14778ETP+

Analog Devices Inc./Maxim Integrated
IC SWITCH SP4T X 2 1.50HM 20TQFN



MAX14786EASD+

Analog Devices Inc./Maxim Integrated
IC TXRX FULL/HALF 1/1 14SOIC



MAX14783EESA+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14776EESA+

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14770EESA

Analog Devices / Maxim Integrated



MAX14783EESA+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14775EESA+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14780EEPA

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MAX14770EGUA+

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8UMAX



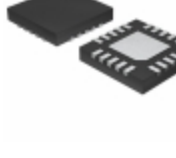
MAX14770EESA+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER HALF 1/1 8SOIC



MAX14786EASD+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 1/1 14SOIC



MAX14777GTP+T

Analog Devices Inc./Maxim Integrated
IC SWITCH SPST-NOX4 100HM 20TQFN



MAX14781EESA

Analog Devices / Maxim Integrated

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
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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