



MAX14743AEWCT

Manufacturer Part Number	MAX14743AEWCT
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX14743AEWCT
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDT X 2 5.5OHM 12WLP
Package	12-WFBGA, WLBGA
Data sheet	MAX14743~.pdf
RoHS Status	ROHS3 Compliant



Get a Quote

MAX14743AEWCT - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX14743AEWCT datasheet/specifications on AllelcoElec.com.
Request a quote for MAX14743AEWCT, please send us email: info@allelco.com

Specifications

MAX14743AEWCT Tech Specifications
MAX14743AEWCT - 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+)	2.7V ~ 5.5V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	-	Current - Leakage (IS(off)) (Max)	-
Switch Circuit	SPDT	Crosstalk	-
Supplier Device Package	12-WLP (1.22x1.62)	Charge Injection	-
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	12-WFBGA, WLBGA	Channel Capacitance (CS(off), CD(off))	-
Package	Tape & Reel (TR)	Base Product Number	MAX14743
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	1GHz
On-State Resistance (Max)	5.50hm (Typ)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX14743AEWCT

Product Attribute	NO PICTURE			
Part Number	MAX14743AEWCT	MAX14743EWC+T	MAX14753EUE+T	MAX14757EUE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Channel-to-Channel Matching (ΔRon)	-	-	500mOhm	300mOhm
Crosstalk	-	-	-62dB @ 100kHz	-96dB @ 10MHz
Supplier Device Package	12-WLP (1.22x1.62)	12-WLP (1.22x1.62)	16-TSSOP	16-TSSOP
Switch Time (Ton, Toff) (Max)	-	-	25μs, 2μs	60μs, 3μs
-3db Bandwidth	1GHz	1GHz	20MHz	145MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	2	2	2	4
Base Product Number	MAX14743	MAX14743	MAX14753	MAX14757
Package / Case	12-WFBGA, WLBGA	12-WFBGA, WLBGA	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Single (V+)	2.7V ~ 5.5V	2.7V ~ 5.5V	20V ~ 72V	10V ~ 70V
On-State Resistance (Max)	5.50hm (Typ)	5.50hm (Typ)	130Ohm	100hm
Multiplexer/Demultiplexer Circuit	2:1	2:1	4:1	1:1
Charge Injection	-	-	200pC	580pC
Channel Capacitance (CS(off), CD(off))	-	-	3.7pF	35pF
Current - Leakage (IS(off)) (Max)	-	-	20nA	2.5nA
Series	-	-	-	-
Switch Circuit	SPDT	SPDT	SP4T	SPST - NO
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply, Dual (V±)	-	-	±10V ~ 36V	±10V ~ 35V

MAX14743AEWCT Datasheet PDF

Download MAX14743AEWCT pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX14743AEWCT - Analog Devices Inc./Maxim Integrated.

Datasheets

MAX14743~.pdf





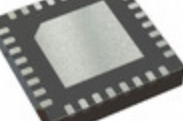
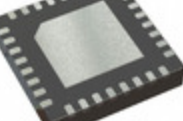












Environmental Information

Maxim Integrated RoHS Cert.pdf

Material Declaration MAX14743AEWCT.pdf

Customers Also Interested in

Recommended Products

 MAX14743EWC+T Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 2 5.50HM 12WLP	 MAX14753EUE+T Analog Devices Inc./Maxim Integrated IC SWITCH SP4TX2 1300HM 16TSSOP	 MAX1473EUI Analog Devices Inc./Maxim Integrated ASK SUPERHETERODYNE RECEIVER	 MAX14731EUV+T Analog Devices Inc./Maxim Integrated IC RF RECEIVER 30WLP	 MAX14757EUE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NOX4 100HM 16TSSOP	 MAX1473ETJ+T Analog Devices Inc./Maxim Integrated RF RCVR ASK 300MHZ-450MHZ 32TQFN
 MAX14753EUE+ Analog Devices Inc./Maxim Integrated IC SWITCH SP4TX2 1300HM 16TSSOP	 MAX1473ETJ+ Analog Devices Inc./Maxim Integrated RF RCVR ASK 300MHZ-450MHZ 32TQFN	 MAX14744EWC+T Analog Devices Inc./Maxim Integrated IC	 MAX14752EUE+ Analog Devices Inc./Maxim Integrated IC MUX 8:1 1300HM 16TSSOP	 MAX1473EUI+T Analog Devices Inc./Maxim Integrated RF RX ASK 300MHZ-450MHZ 28TSSOP	 MAX1473EUI+ Analog Devices Inc./Maxim Integrated RF RX ASK 300MHZ-450MHZ 28TSSOP
 MAX14742EWP+T Analog Devices Inc./Maxim Integrated SMART COMPACT 6A POWER PATH SWIT	 MAX14740EWP+T Analog Devices / Maxim Integrated	 MAX14752EUE+T Analog Devices Inc./Maxim Integrated IC MUX 8:1 1300HM 16TSSOP	 MAX14736EWL+T Analog Devices Inc./Maxim Integrated IC RF RECEIVER 9WLP	 MAX1473ETJ Analog Devices / Maxim Integrated	 MAX14753EUE 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

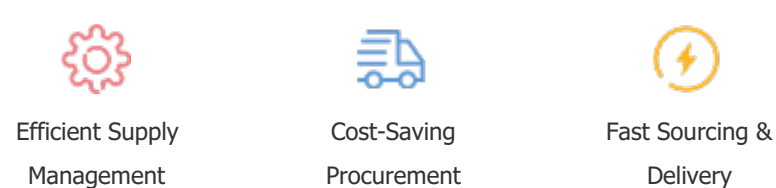
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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