

Image may be representation.
See specifications for product details.



MAX354EWE+

Manufacturer Part Number	MAX354EWE+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX354EWE+
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 8:1 3500HM 16SOIC
Package	16-SOIC (0.295', 7.50mm Width)
Data sheet	MAX354,355.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX354EWE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX354EWE+ datasheet/specifications on AllelcoElec.com.
Request a quote for MAX354EWE+, please send us email: info@allelco.com

Specifications

MAX354EWE+ Tech Specifications

MAX354EWE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	1
Voltage - Supply, Single (V+)	4.5V ~ 36V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±4.5V ~ 18V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	250ns, 200ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	-	Crosstalk	-92dB @ 100kHz
Supplier Device Package	16-SOIC	Charge Injection	80pC
Series	-	Channel-to-Channel Matching (ΔRon)	70hm
Package / Case	16-SOIC (0.295', 7.50mm Width)	Channel Capacitance (CS(off), CD(off))	1.6pF, 11pF
Package	Tube	Base Product Number	MAX354
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	3500hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX354EWE+

Product Attribute				
Part Number	MAX354EWE+	MAX355CWE+	MAX355EWE	MAX355CPE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Channel Capacitance (CS(off), CD(off))	1.6pF, 11pF	1.6pF, 5pF	1.6pF, 5pF	1.6pF, 5pF
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Package / Case	16-SOIC (0.295', 7.50mm Width)	16-SOIC (0.295', 7.50mm Width)	16-SOIC (0.295', 7.50mm Width)	16-DIP (0.300', 7.62mm)
Switch Circuit	-	SP4T	SP4T	SP4T
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Channel-to-Channel Matching (ΔRon)	70hm	70hm	70hm	70hm
-3db Bandwidth	-	-	-	-
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-PDIP
Package	Tube	Tube	Tube	Tube
Voltage - Supply, Single (V+)	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V
Charge Injection	80pC	80pC	80pC	80pC
Crosstalk	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz
Multiplexer/Demultiplexer Circuit	8:1	4:1	4:1	4:1
Series	-	-	-	-
Number of Circuits	1	2	2	2
Voltage - Supply, Dual (V±)	±4.5V ~ 18V	±4.5V ~ 18V	±4.5V ~ 18V	±4.5V ~ 18V
On-State Resistance (Max)	3500hm	3500hm	3500hm	3500hm
Base Product Number	MAX354	MAX355	MAX355	MAX355
Switch Time (Ton, Toff) (Max)	250ns, 200ns	250ns, 200ns	250ns, 200ns	250ns, 200ns

MAX354EWE+ Datasheet PDF

Download MAX354EWE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX354EWE+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX354,355.pdf](#)

Environmental Information




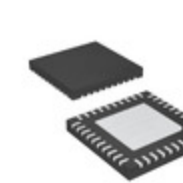







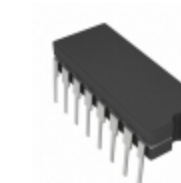






[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

 Part Numbering System.pdf

Customers Also Interested in

Recommended Products

					
MAX355CWE+ Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16SOIC	MAX355EWE Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16SOIC	MAX355CPE Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16DIP	MAX3543CTL+T Analog Devices Inc./Maxim Integrated RF RECEIVER 47MHZ-862MHZ 40TQFN	MAX353ESE Analog Devices / Maxim Integrated	MAX355CPE+ Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16DIP
					
MAX354EWE Analog Devices Inc./Maxim Integrated IC MUX 8:1 350OHM 16SOIC	MAX354CPE Analog Devices Inc./Maxim Integrated IC MUX 8:1 350OHM 16DIP	MAX354CWE+T Analog Devices Inc./Maxim Integrated IC MUX 8:1 350OHM 16SOIC	MAX355EWE+ Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16SOIC	MAX354EPE Analog Devices Inc./Maxim Integrated IC MUX 8:1 350OHM 16DIP	MAX355MJE Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16CDIP
					
MAX355EWE+T Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16SOIC	MAX3541ELM+T Analog Devices Inc./Maxim Integrated RF RECEIVER 47MHZ-68MHZ 48FCLGA	MAX354EWE+T Analog Devices Inc./Maxim Integrated IC MUX 8:1 350OHM 16SOIC	MAX354CPE+ Analog Devices Inc./Maxim Integrated IC MUX 8:1 350OHM 16DIP	MAX355EPE+ Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 350OHM 16DIP	MAX354EPE+ Analog Devices Inc./Maxim Integrated IC MUX 8:1 350OHM 16DIP

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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