

Image may be representation.
See specifications for product details.



MAX11137ATI+T

Manufacturer Part Number	MAX11137ATI+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX11137ATI+T
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 28TQFN
Package	28-WFQFN Exposed Pad
Data sheet	MAX11135-43.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX11137ATI+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX11137ATI+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX11137ATI+T, please send us email: info@allelco.com

Specifications

MAX11137ATI+T Tech Specifications

MAX11137ATI+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	8, 15, 16
Voltage - Supply, Digital	2.35V ~ 3.6V	Number of Bits	12
Voltage - Supply, Analog	2.35V ~ 3.6V	Number of A/D Converters	1
Supplier Device Package	28-TQFN (5x5)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	500k	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	28-WFQFN Exposed Pad	Base Product Number	MAX11137
Package	Tape & Reel (TR)	Architecture	SAR
Operating Temperature	-40°C ~ 125°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX11137ATI+T

Product Attribute				
Part Number	MAX11137ATI+T	MAX11156ETC+T	MAX11158EUB+	MAX1113EEE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package / Case	28-WFQFN Exposed Pad	12-WDFDN Exposed Pad	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	16-SSOP (0.154", 3.90mm Width)
Number of Inputs	8, 15, 16	1	1	2, 4
Series	-	-	-	-
Number of A/D Converters	1	1	1	1
Voltage - Supply, Analog	2.35V ~ 3.6V	±5V	5V	4.5V ~ 5.5V
Voltage - Supply, Digital	2.35V ~ 3.6V	5V	2.3V ~ 5V	4.5V ~ 5.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Bulk
Reference Type	External	External, Internal	Internal	External, Internal
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Sampling Rate (Per Second)	500k	500k	500k	50k
Configuration	MUX-S/H-ADC	S/H-ADC	S/H-ADC	MUX-S/H-ADC
Supplier Device Package	28-TQFN (5x5)	12-TDFN (3x3)	10-uMAX/uSOP	16-QSOP
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Input Type	Differential, Pseudo-Differential, Single Ended	Pseudo-Differential	Pseudo-Differential	Differential, Pseudo-Differential, Single Ended
Data Interface	SPI	SPI, DSP	SPI, DSP	4-Wire, Microwire, QSPI, SPI
Number of Bits	12	18	18	8
Features	-	-	-	-
Architecture	SAR	SAR	SAR	SAR
Base Product Number	MAX11137	MAX11156	MAX11158	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MAX11137ATI+T Datasheet PDF

Download MAX11137ATI+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX11137ATI+T - Analog Devices Inc./Maxim Integrated.

Datasheets

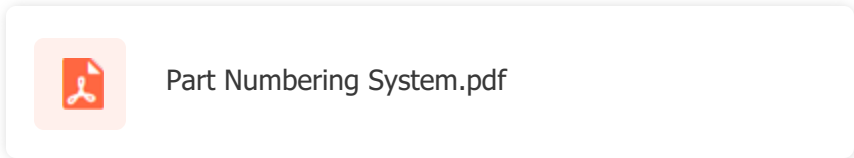
[MAX11135-43.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration MAX11137ATI+T.pdf](#)



Customers Also Interested in

Recommended Products

MAX11156ETC+T Analog Devices Inc./Maxim Integrated IC ADC 18BIT SAR 12TDFN	MAX1111EEE Analog Devices / Maxim Integrated	MAX11158EUB+ Analog Devices Inc./Maxim Integrated IC ADC 18BIT SAR 10UMAX	MAX1113EEE Analog Devices Inc./Maxim Integrated MULTICHANNEL, SERIAL 8-BIT ADC	MAX1111CEE+T Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 16QSOP	MAX1112CAP+ Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 20SSOP
MAX1113CEE+ Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 16QSOP	MAX11156ETC+ Analog Devices Inc./Maxim Integrated IC ADC 18BIT SAR 12TDFN	MAX1111EEE+ Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 16QSOP	MAX1112CAP+T Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 20SSOP	MAX1111CEE-T Analog Devices / Maxim Integrated	MAX1113CEE+T Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 16QSOP
MAX1111EEE-T Analog Devices / Maxim Integrated	MAX11128ATI+ Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 28TQFN	MAX1112CAP Analog Devices Inc./Maxim Integrated ADC, SUCCESSIVE APPROXIMATION, 8	MAX1111EEE+T Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 16QSOP	MAX1113EEE+T Analog Devices Inc./Maxim Integrated IC ADC 8BIT SAR 16QSOP	MAX1113CEE Analog Devices Inc./Maxim Integrated MULTICHANNEL, SERIAL 8-BIT ADC

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.

<p>Payment Support</p> <p>The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.</p>	<p>Your Faithful Supply Chain Partner -</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Efficient Supply Management</p> </div> <div style="text-align: center;"> <p>Cost-Saving Procurement</p> </div> <div style="text-align: center;"> <p>Fast Sourcing & Delivery</p> </div> </div> <p>Contact us if you have any questions.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Phone +00852 9146 4856</p> </div> <div style="text-align: center;"> <p>Email info@allelco.com</p> </div> </div>	<p>Certifications & Memberships</p> <div style="display: flex; justify-content: space-around;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div> <p style="text-align: right; font-size: small;">View More</p>
---	---	--