



Image may be representation.
See specifications for product details.



MAX7318AUG+

Manufacturer Part Number	MAX7318AUG+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX7318AUG+
ECAD Model	Request Free CAD Models
Parts Description	IC XPND 400KHZ I2C SMBUS 24TSSOP
Package	24-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX7318AUG+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX7318AUG+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX7318AUG+, please send us email: info@allelco.com

Specifications

MAX7318AUG+ Tech Specifications

MAX7318AUG+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of I/O	16
Voltage - Supply	2V ~ 5.5V	Mounting Type	Surface Mount
Supplier Device Package	24-TSSOP	Interrupt Output	Yes
Series	-	Interface	I ² C, SMBus
Package / Case	24-TSSOP (0.173', 4.40mm Width)	Features	POR
Package	Tube	Current - Output Source/Sink	31mA, 43mA
Output Type	Push-Pull	Clock Frequency	400 kHz
Operating Temperature	-40°C ~ 125°C	Base Product Number	MAX7318

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX7318AUG+

Product Attribute				
Part Number	MAX7318AUG+	MAX7318ATG+T	MAX7318AWG+T	MAX7316AEE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Output Source/Sink	31mA, 43mA	31mA, 43mA	31mA, 43mA	50mA
Interface	I ² C, SMBus	I ² C, SMBus	I ² C, SMBus	I ² C, SMBus
Supplier Device Package	24-TSSOP	24-TQFN (4x4)	24-SOIC	16-QSOP
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Series	-	-	-	-
Base Product Number	MAX7318	MAX7318	MAX7318	MAX7316
Output Type	Push-Pull	Push-Pull	Push-Pull	Open Drain
Number of I/O	16	16	16	10
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 3.6V
Features	POR	POR	POR	PWM
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	24-TSSOP (0.173', 4.40mm Width)	24-WFQFN Exposed Pad	24-SOIC (0.295", 7.50mm Width)	16-SSOP (0.154', 3.90mm Width)
Interrupt Output	Yes	Yes	Yes	Yes

MAX7318AUG+ Datasheet PDF

Download MAX7318AUG+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX7318AUG+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide


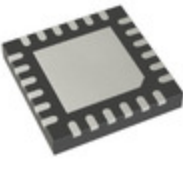






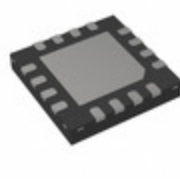
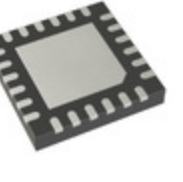


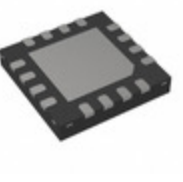

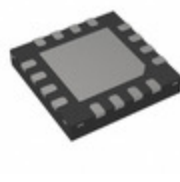
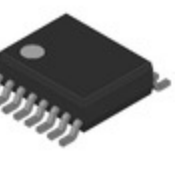

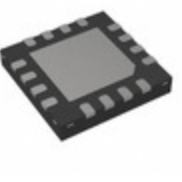
[Part Numbering System.pdf](#)

Application Notes

[Driving LEDs with Push-Pull Port Expander Outputs.pdf](#)

Customers Also Interested in

Recommended Products

					
MAX731CWE Analog Devices Inc./Maxim Integrated IC DC/DC CONV STEP-UP 5V 16-SOIC	MAX7318ATG+T Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 24TQFN	MAX7318AWG+T Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 24SOIC	MAX7316AEE+T Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 16QSOP	MAX731EWE Analog Devices Inc./Maxim Integrated STEP-UP DC-DC CONVERTER	MAX7318AUG+T Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 24TSSOP
					
MAX7319AEE+T Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C 16QSOP	MAX7317AEE+T Analog Devices Inc./Maxim Integrated IC I/O EXPANDER SPI 10B 16QSOP	MAX7316ATE+T Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 16TQFN	MAX7318ATG+ Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 24TQFN	MAX7317AEE+ Analog Devices Inc./Maxim Integrated IC I/O EXPANDER SPI 10B 16QSOP	MAX7319AEE Analog Devices / Maxim Integrated
					
MAX7316ATE+ Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 16TQFN	MAX7319AEE+ Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C 16QSOP	MAX7317ATE+T Analog Devices Inc./Maxim Integrated IC I/O EXPANDER SPI 10B 16TQFN	MAX7317AEE Analog Devices Inc./Maxim Integrated SPI-INTERFACED I/O EXPANDER	MAX731CPA Analog Devices Inc./Maxim Integrated IC DC/DC CONV STEP-UP 5V 8-DIP	MAX7317ATE+ Analog Devices Inc./Maxim Integrated IC I/O EXPANDER SPI 10B 16TQFN

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

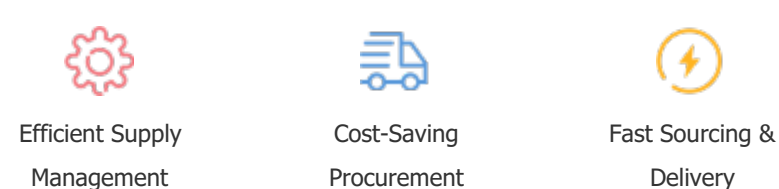
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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