

Image may be representation.
See specifications for product details.



DS4830AT+T

Manufacturer Part Number	DS4830AT+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS4830AT+T
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 64KB FLASH 40TQFN
Package	40-WFQFN Exposed Pad
Data sheet	DS4830A Datasheet.pdf DS4830A User Guide.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS4830AT+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS4830AT+T datasheet/specifications on AllelcoElec.com. Request a quote for DS4830AT+T, please send us email: info@allelco.com

Specifications

DS4830AT+T Tech Specifications

DS4830AT+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.97V ~ 3.63V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	40-TQFN (5x5)	Number of I/O	31
Speed	10MHz	Mounting Type	Surface Mount
Series	MAXQ®	EEPROM Size	-
RAM Size	1K x 16	Data Converters	A/D 18x13b; D/A 8x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (32K x 16)	Core Processor	MAXQ20
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	3-Wire, I ² C, SPI
Package / Case	40-WFQFN Exposed Pad	Base Product Number	DS4830
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS4830AT+T

Product Attribute				
Part Number	DS4830AT+T	DS4830T+T	DS4830T+	DS460S-3-002
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Artesyn Embedded Power
Oscillator Type	Internal	Internal	Internal	-
Speed	10MHz	10MHz	10MHz	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Bulk
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-10°C ~ 50°C
Program Memory Type	FLASH	FLASH	FLASH	-
Voltage - Supply (Vcc/Vdd)	2.97V ~ 3.63V	2.97V ~ 3.63V	2.97V ~ 3.63V	-
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	-
Supplier Device Package	40-TQFN (5x5)	40-TQFN (5x5)	40-TQFN (5x5)	-
Number of I/O	31	31	31	-
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	-
Connectivity	3-Wire, I ² C, SPI	3-Wire, I ² C, SPI	3-Wire, I ² C, SPI	-
Core Size	16-Bit	16-Bit	16-Bit	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Rack Mount
Data Converters	A/D 18x13b; D/A 8x12b	A/D 18x13b; D/A 8x12b	A/D 18x13b; D/A 8x12b	-
RAM Size	1K x 16	1K x 16	1K x 16	-
Base Product Number	DS4830	DS4830	DS4830	-
Core Processor	MAXQ20	MAXQ20	MAXQ20	-
Package / Case	40-WFQFN Exposed Pad	40-WFQFN Exposed Pad	40-WFQFN Exposed Pad	-
EEPROM Size	-	-	-	-
Series	MAXQ®	MAXQ®	MAXQ®	DS460S (460W)

DS4830AT+T Datasheet PDF

Download DS4830AT+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS4830AT+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[DS4830A Datasheet.pdf](#)


[DS4830A User Guide.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

 Material Declaration DS4830AT+T.pdf

Application Notes

 Thermoelectric Cooler Control Using the DS4830A.pdf

Customers Also Interested in

Recommended Products



DS460S-3-002

Artesyn Embedded Power
AC/DC CONVERTER 12V 460W



DS4560S-LO+T

Analog Devices Inc./Maxim Integrated
IC HOT SWAP CTRLR GP 8SOIC



DS4560LS-LO+T

Analog Devices Inc./Maxim Integrated
IC HOT SWAP CTRLR GP 8SOIC



DS4830A

Analog Devices / Maxim Integrated



NO PICTURE

DS481TMX

NS



DS485TM

Texas Instruments
IC TRANSCEIVER HALF 1/1 8SOIC



DS4560S-AR+

Analog Devices Inc./Maxim Integrated
IC HOT SWAP CTRLR GP 8SOIC



DS485N

Texas Instruments
IC TRANSCEIVER HALF 1/1 8DIP



DS485M

Texas Instruments
IC TRANSCEIVER HALF 1/1 8SOIC



DS465PB4

Analog Devices / Maxim Integrated



DS485MX

Texas Instruments
IC TRANSCEIVER HALF 1/1 8SOIC



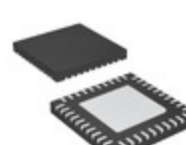
DS4560LS-AR+T

Analog Devices Inc./Maxim Integrated
IC HOT SWAP CTRLR GP 8SOIC



DS465PB5

Analog Devices / Maxim Integrated



DS4830T+T

Analog Devices Inc./Maxim Integrated
IC MCU 16BIT 64KB FLASH 40TQFN



NO PICTURE

DS485BMX

DS



NO PICTURE

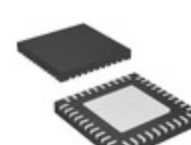
DS485BTMX

DS



DS481TM

Texas Instruments
IC TRANSCEIVER HALF 1/1 8SOIC



DS4830T+

Analog Devices Inc./Maxim Integrated
IC MCU 16BIT 64KB FLASH 40TQFN

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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