

DS4830T+



Part Number: [DS4830T+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MCU 16BIT 64KB FLASH 40TQFN

Data sheet:  [DS4830](#)

RoHS Status: Lead free / RoHS Compliant

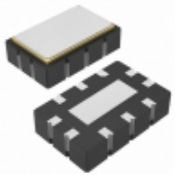
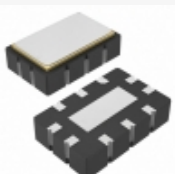
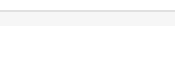
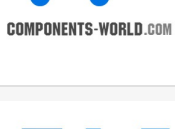
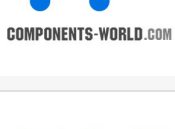
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DS4830T+	Manufacturer	Maxim Integrated
Description	IC MCU 16BIT 64KB FLASH 40TQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27578 pcs	Data sheet	DS4830
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.97 V ~ 3.63 V
Supplier Device Package	40-TQFN-EP (5x5)	Speed	10MHz
Series	MAXQ®	RAM Size	1K x 16
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	40-WQFN Exposed Pad	Other Names	90-4830T+000
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	31	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	MAXQ20 MAXQ® Microcontroller IC 16-Bit 10MHz 64KB (32K x 16) FLASH 40-TQFN-EP (5x5)
Data Converters	A/D 18x13b, D/A 8x12b	Core Size	16-Bit
Core Processor	MAXQ20	Connectivity	3-Wire, I²C, SPI
Base Part Number	DS4830		
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RELATED PRODUCTS			
	Part#: DS4776P+ Description: IC OSC CLOCK 77.76MHZ 10-LCCC	Manufacturers: Maxim Integrated	RFQ
	Part#: DS4830T+T Description: IC MCU 16BIT 64KB FLASH 40TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: DS4830EVKIT# Description: EVAL KIT OPTICAL MICROCONTROLLER	Manufacturers: Maxim Integrated	RFQ
	Part#: DS485TM Description: IC TXRX MULT PT RS485/422 8SOIC	Manufacturers: N/A	RFQ
	Part#: DS481TM Description: IC TXRX RS422/485 2MBPS 8SOIC	Manufacturers: N/A	RFQ
	Part#: DS485N Description: IC TXRX MULT PT RS485/422 8-DIP	Manufacturers: N/A	RFQ
	Part#: DS485TMX Description: IC TXRX MULTIPOINT LP 8SOIC	Manufacturers: N/A	RFQ
	Part#: DS485MX/NOPB Description: IC TXRX MULTIPOINT LP 8-SOIC	Manufacturers: N/A	RFQ
	Part#: DS485TM/NOPB Description: IC TXRX MULT PT RS485/422 8SOIC	Manufacturers: N/A	RFQ
	Part#: DS4625P+150/200 Description: IC OSC CLOCK DUAL FREQ 10-LCCC	Manufacturers: Maxim Integrated	RFQ
	Part#: DS4830AT+ Description: IC MCU 16BIT 64KB FLASH 40TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: DS4830AT+T Description: IC MCU 16BIT 64KB FLASH 40TQFN	Manufacturers: Maxim Integrated	RFQ
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	Part#: DS481TMX/NOPB Description: IC TXRX MULTIPOINT LP 8-SOIC	Manufacturers: N/A	RFQ
	Part#: DS485M Description: IC TXRX MULT PT RS485/422 8SOIC	Manufacturers: N/A	RFQ
	Part#: DS485N/NOPB Description: IC TXRX MULT PT RS485/422 8-DIP	Manufacturers: N/A	RFQ
	Part#: DS481TM/NOPB Description: IC TXRX RS422/485 2MBPS 8SOIC	Manufacturers: N/A	RFQ
	Part#: DS4830AEVKIT# Description: EVALUATION KIT FOR DS4830A	Manufacturers: Maxim Integrated	RFQ
	Part#: DS485M/NOPB Description: IC TXRX MULT PT RS485/422 8SOIC	Manufacturers: N/A	RFQ
	Part#: DS4776D+ Description: IC OSC CLOCK 77.76MHZ 10-LCCC	Manufacturers: Maxim Integrated	RFQ

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