

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F871T-E/PT

Part Number:	PIC16F871T-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 3.5KB FLASH 44TQFP
	 1.PIC16F871T-E/PT.pdf
	 2.PIC16F871T-E/PT.pdf
	 3.PIC16F871T-E/PT.pdf
	 4.PIC16F871T-E/PT.pdf
	 5.PIC16F871T-E/PT.pdf
	 6.PIC16F871T-E/PT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5340 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PIC16F871T-E/PT

PART NUMBER	PIC16F871T-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 3.5KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5340 pcs
DATA SHEET	 1.PIC16F871T-E/PT.pdf  2.PIC16F871T-E/PT.pdf  3.PIC16F871T-E/PT.pdf  4.PIC16F871T-E/PT.pdf  5.PIC16F871T-E/PT.pdf  6.PIC16F871T-E/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	20MHz
SERIES	PIC® 16F
RAM SIZE	128 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	3.5KB (2K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	44-TQFP
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	33
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	64 x 8
DETAILED DESCRIPTION	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	UART/USART
BASE PART NUMBER	PIC16F871

Related Tags

Micrel / Microchip Technology PIC16F871T-E/PT	PIC16F871T-E/PT Distributor	PIC16F871T-E/PT Supplier
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Related Products

 PIC16F871T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 44TQFP In stock: 4897 pcs RFQ	 PIC16F871-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 44TQFP In stock: 3915 pcs RFQ
 PIC16F871-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 40DIP In stock: 30982 pcs RFQ	 PIC16F871T-I/L Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 44PLCC In stock: 22098 pcs RFQ
 PIC16F872-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28SOIC In stock: 29598 pcs RFQ	 PIC16F871T-E/L Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 44PLCC In stock: 5797 pcs RFQ
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 PIC16F871-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 44TQFP In stock: 22191 pcs RFQ	 PIC16F871-I/L Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 44PLCC In stock: 19338 pcs RFQ