




Micrel / Microchip Technology

## PIC16F1519-E/PT

Part Number: PIC16F1519-E/PT  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 28KB FLASH 44TQFP  
 Datasheets:  
 1. [PIC16F1519-E/PT.pdf](#)  
 2. [PIC16F1519-E/PT.pdf](#)  
 3. [PIC16F1519-E/PT.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

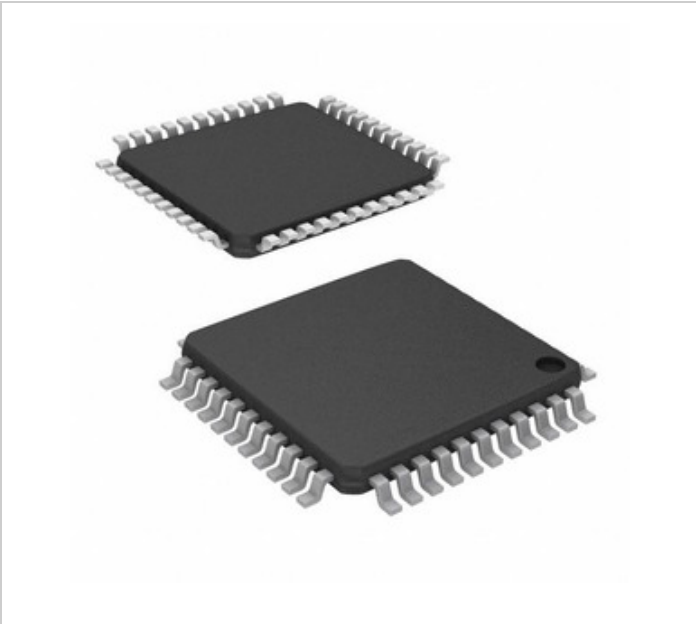


Image may be representation. See specifications for product details.

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### Specifications of PIC16F1519-E/PT

PART NUMBER	PIC16F1519-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 28KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1. PIC16F1519-E/PT.pdf</a> <a href="#">2. PIC16F1519-E/PT.pdf</a> <a href="#">3. PIC16F1519-E/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	20MHz
SERIES	PIC® XLP™ 16F
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	28KB (16K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	44-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 20MHz 28KB (16K x 14) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 28x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC16F1519

### Related Tags

Micrel / Microchip Technology PIC16F1519-E/PT	PIC16F1519-E/PT Distributor	PIC16F1519-E/PT Supplier
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PIC16F1519-E/PT PDF Datasheet	PIC16F1519-E/PT Download Datasheet	PIC16F1519-E/PT Datasheet
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### Related Products

 <p><b>PIC16F1519-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 40DIP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1526-E/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1519T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1518T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1519T-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 40UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1519-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 40UQFN                  In stock: 428 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC16F1519-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 40DIP                  In stock: 185 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16F1519-E/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 40UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1518T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1518T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28QFN                  In stock: 880 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC16F1518T-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 28UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1519-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 28KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>