



PIC18F4431-E/PT

Part Number:	PIC18F4431-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 16KB FLASH 44TQFP
	 1.PIC18F4431-E/PT.pdf
	 2.PIC18F4431-E/PT.pdf
	 3.PIC18F4431-E/PT.pdf
	 4.PIC18F4431-E/PT.pdf
	 5.PIC18F4431-E/PT.pdf
	 6.PIC18F4431-E/PT.pdf
	 7.PIC18F4431-E/PT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17095 pcs stock
Ship From	Hong Kong
	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

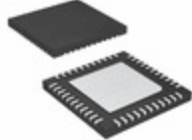
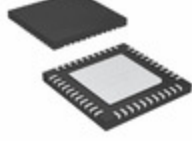
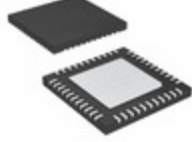
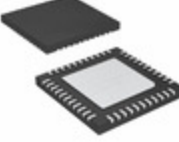
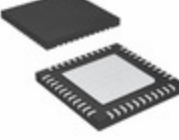
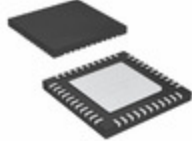
Specifications of PIC18F4431-E/PT

PART NUMBER	PIC18F4431-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17095 pcs
DATA SHEET	 1.PIC18F4431-E/PT.pdf  2.PIC18F4431-E/PT.pdf  3.PIC18F4431-E/PT.pdf  4.PIC18F4431-E/PT.pdf  5.PIC18F4431-E/PT.pdf  6.PIC18F4431-E/PT.pdf  7.PIC18F4431-E/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	40MHz
SERIES	PIC® 18F
RAM SIZE	768 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (8K x 16)
PERIPHERALS	Brown-out Detect/Reset, LVD, Power Control PWM, QEI, 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)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 9x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	PIC18F4431

Related Tags

Micrel / Microchip Technology PIC18F4431-E/PT	PIC18F4431-E/PT Distributor	PIC18F4431-E/PT Supplier
PIC18F4431-E/PT Price	PIC18F4431-E/PT Pictures	PIC18F4431-E/PT Image
PIC18F4431-E/PT PDF Datasheet	PIC18F4431-E/PT Download Datasheet	PIC18F4431-E/PT Datasheet
PIC18F4431-E/PT Stock	Buy PIC18F4431-E/PT	Buy Micrel / Microchip Technology PIC18F4431-E/PT
Micrel / Microchip Technology PIC18F4431-E/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC18F4431-E/PT	Microchip Technology PIC18F4431-E/PT	Roving Networks / Microchip Technology PIC18F4431-E/PT

Related Products

 PIC18F442T-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 4154 pcs RFQ	 PIC18F4431-E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: 21956 pcs RFQ
 PIC18F4431-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 3623 pcs RFQ	 PIC18F4431T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 18832 pcs RFQ
 PIC18F4439-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 12KB FLASH 44QFN In stock: 4969 pcs RFQ	 PIC18F4431-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 20474 pcs RFQ
 PIC18F4431-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: 22661 pcs RFQ	 PIC18F442T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 4210 pcs RFQ
 PIC18F442T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 12711 pcs RFQ	 PIC18F4431-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 19600 pcs RFQ
 PIC18F4431T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 6166 pcs RFQ	 PIC18F442T-I/L Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44PLCC In stock: 13348 pcs RFQ

