



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F4431T-I/PT

Part Number:	PIC18F4431T-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 16KB FLASH 44TQFP
	1.PIC18F4431T-I/PT.pdf
	2.PIC18F4431T-I/PT.pdf
	3.PIC18F4431T-I/PT.pdf
	4.PIC18F4431T-I/PT.pdf
	5.PIC18F4431T-I/PT.pdf
	6.PIC18F4431T-I/PT.pdf
	7.PIC18F4431T-I/PT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

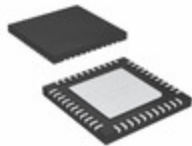
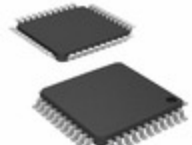
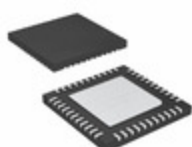
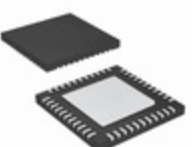
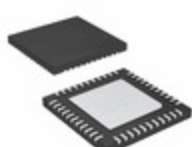
Specifications of PIC18F4431T-I/PT

PART NUMBER	PIC18F4431T-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.PIC18F4431T-I/PT.pdf 2.PIC18F4431T-I/PT.pdf 3.PIC18F4431T-I/PT.pdf 4.PIC18F4431T-I/PT.pdf 5.PIC18F4431T-I/PT.pdf 6.PIC18F4431T-I/PT.pdf 7.PIC18F4431T-I/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	Cut Tape (CT)
PACKAGE / CASE	44-TQFP
OTHER NAMES	PIC18F4431T-I/PTCT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 PIC18F4431T-I/PT	PIC18F4431T-I/PT Distributor	PIC18F4431T-I/PT Supplier
PIC18F4431T-I/PT Price	PIC18F4431T-I/PT Pictures	PIC18F4431T-I/PT Image
PIC18F4431T-I/PT PDF Datasheet	PIC18F4431T-I/PT Download Datasheet	PIC18F4431T-I/PT Datasheet
PIC18F4431T-I/PT Stock	Buy PIC18F4431T-I/PT	Buy Micrel / Microchip Technology PIC18F4431T-I/PT
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Micrel / Microchip Technology PIC18F4431T-I/PT	Microchip Technology PIC18F4431T-I/PT	Roving Networks / Microchip Technology PIC18F4431T-I/PT

Related Products

 PIC18F4431T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 PIC18F4431-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: Out stock RFQ
 PIC18F4431-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 160 pcs RFQ	 PIC18F4439-E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 12KB FLASH 40DIP In stock: Out stock RFQ
 PIC18F4431-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 PIC18F4439-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 12KB FLASH 44QFN In stock: Out stock RFQ
 PIC18F4439-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 12KB FLASH 44QFN In stock: Out stock RFQ	 PIC18F4439-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 12KB FLASH 44TQFP In stock: Out stock RFQ
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