

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F4431-E/P

Part Number:
Manufacturer/Brand:
Product description

PIC18F4431-E/P
Micrel / Microchip Technology
IC MCU 8BIT 16KB FLASH 40DIP

 1.PIC18F4431-E/P.pdf
 2.PIC18F4431-E/P.pdf
 3.PIC18F4431-E/P.pdf
 4.PIC18F4431-E/P.pdf
 5.PIC18F4431-E/P.pdf
 6.PIC18F4431-E/P.pdf
 7.PIC18F4431-E/P.pdf

Datasheets:

RoHs Status
Stock Condition
Ship From

 Lead free / RoHS Compliant
21956 pcs stock
Hong Kong
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

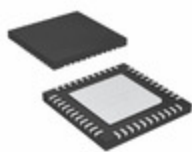
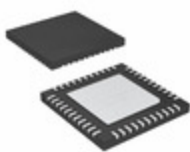
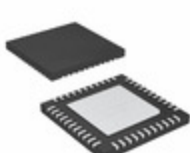
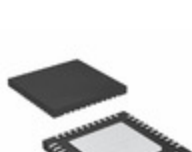
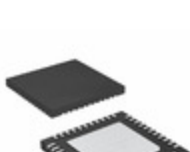
Specifications of PIC18F4431-E/P

PART NUMBER	PIC18F4431-E/P
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 40DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21956 pcs
DATA SHEET	 1.PIC18F4431-E/P.pdf  2.PIC18F4431-E/P.pdf  3.PIC18F4431-E/P.pdf  4.PIC18F4431-E/P.pdf  5.PIC18F4431-E/P.pdf  6.PIC18F4431-E/P.pdf  7.PIC18F4431-E/P.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	40-PDIP
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	Tube
PACKAGE / CASE	40-DIP (0.600", 15.24mm)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 40-PDIP
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/P	PIC18F4431-E/P Distributor	PIC18F4431-E/P Supplier
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Related Products

 PIC18F4431-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 3623 pcs RFQ	 PIC18F4431T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 6166 pcs RFQ
 PIC18F4431T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 18832 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/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: 22661 pcs RFQ
 PIC18F4431-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 17095 pcs RFQ	 PIC18F4423T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 28156 pcs RFQ
 PIC18F4431-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 19600 pcs RFQ	 PIC18F442T-I/L Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44PLCC In stock: 13348 pcs RFQ
 PIC18F4431-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 20474 pcs RFQ	 PIC18F442T-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 4154 pcs RFQ