



Micrel / Microchip Technology

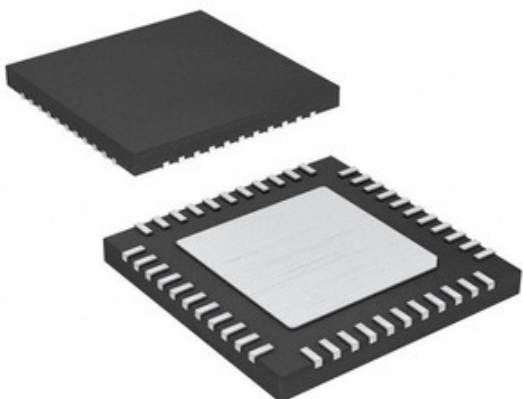


Image may be representation. See specifications for product details.

PIC18F4431-E/ML

Part Number: PIC18F4431-E/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 16KB FLASH 44QFN

1.PIC18F4431-E/ML.pdf

2.PIC18F4431-E/ML.pdf

3.PIC18F4431-E/ML.pdf

4.PIC18F4431-E/ML.pdf

5.PIC18F4431-E/ML.pdf

6.PIC18F4431-E/ML.pdf

7.PIC18F4431-E/ML.pdf

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

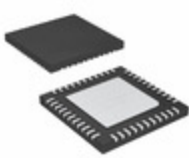
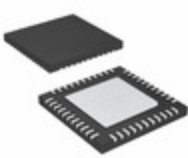
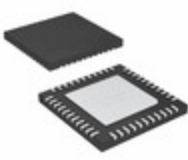
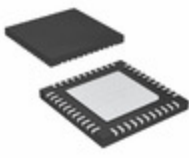
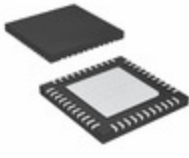
Specifications of PIC18F4431-E/ML

PART NUMBER	PIC18F4431-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.PIC18F4431-E/ML.pdf 2.PIC18F4431-E/ML.pdf 3.PIC18F4431-E/ML.pdf 4.PIC18F4431-E/ML.pdf 5.PIC18F4431-E/ML.pdf 6.PIC18F4431-E/ML.pdf 7.PIC18F4431-E/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-QFN (8x8)
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	44-VQFN Exposed Pad
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 44-QFN (8x8)
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/ML	PIC18F4431-E/ML Distributor	PIC18F4431-E/ML Supplier
PIC18F4431-E/ML Price	PIC18F4431-E/ML Pictures	PIC18F4431-E/ML Image
PIC18F4431-E/ML PDF Datasheet	PIC18F4431-E/ML Download Datasheet	PIC18F4431-E/ML Datasheet
PIC18F4431-E/ML Stock	Buy PIC18F4431-E/ML	Buy Micrel / Microchip Technology PIC18F4431-E/ML
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Related Products

 PIC18F442T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 PIC18F4431T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ
 PIC18F442T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: Out stock RFQ	 PIC18F4431-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ
 PIC18F442T-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 PIC18F4431-E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: Out stock RFQ
 PIC18F4423T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: Out stock RFQ	 PIC18F442T-I/L Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44PLCC In stock: Out stock RFQ
 PIC18F4423T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: Out stock RFQ	 PIC18F4431-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: 512 pcs 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