

PIC18F4431-E/P



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See Product Specifications for product details.
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Part Number: [PIC18F4431-E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 40DIP

Data sheet:  [SSP Module Errata](#)
 [PIC18F2x31, 4x31 Rev A2 Silicon Errata](#)
 [Timer1 Errata](#)
 [PIC18F2x31, 4x31 Programming Specification](#)
 [PIC18F2x31, 4x31 Data Sheet Errata](#)
 [PIC18F2x31, 4x31 Data Sheet](#)
 [PIC18F2x31, 4x31 Rev A3 Silicon Errata](#)

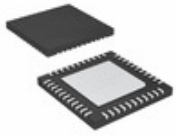
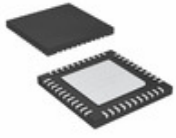
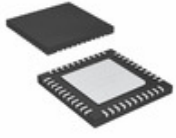
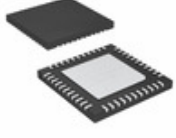
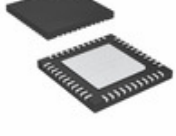
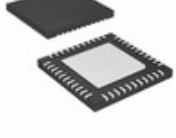
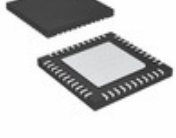
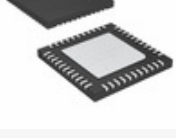
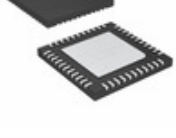
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
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	22437 pcs	Data sheet	SSP Module Errata PIC18F2x31, 4x31 Rev A2 Silicon Errata Timer1 Errata PIC18F2x31, 4x31 Programming Specification PIC18F2x31, 4x31 Data Sheet Errata PIC18F2x31, 4x31 Data Sheet PIC18F2x31, 4x31 Rev A3 Silicon Errata
Category	Integrated Circuits (ICs)	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)	Manufacturer Standard Lead Time	4 Weeks
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	I ² C, SPI, UART/USART	Base Part Number	PIC18F4431
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	Part#: PIC18F4439-I/ML Description: IC MCU 8BIT 12KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F4439-E/PT Description: IC MCU 8BIT 12KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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