



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F442-E/P

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status

Ship From

REQUEST FOR QUOTATION

PIC18F442-E/P

Micrel / Microchip Technology

IC MCU 8BIT 16KB FLASH 40DIP

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 Lead free / RoHS Compliant

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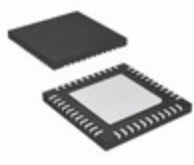
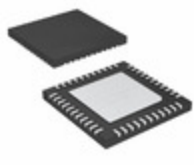
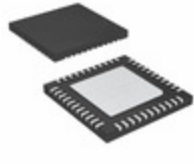
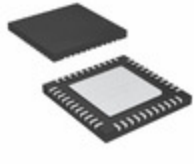
Specifications of PIC18F442-E/P

PART NUMBER	PIC18F442-E/P
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 40DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.PIC18F442-E/P.pdf 2.PIC18F442-E/P.pdf 3.PIC18F442-E/P.pdf 4.PIC18F442-E/P.pdf 5.PIC18F442-E/P.pdf 6.PIC18F442-E/P.pdf 7.PIC18F442-E/P.pdf 8.PIC18F442-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, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	40-DIP (0.600", 15.24mm)
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	34
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 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	PIC18F442

Related Tags

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