

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F4012-30I/ML

Part Number: DSPIC30F4012-30I/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 16BIT 48KB FLASH 44QFN

Datasheets:

1.DSPIC30F4012-30I/ML.pdf

2.DSPIC30F4012-30I/ML.pdf

3.DSPIC30F4012-30I/ML.pdf

4.DSPIC30F4012-30I/ML.pdf

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

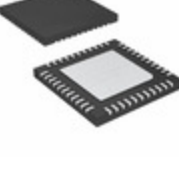
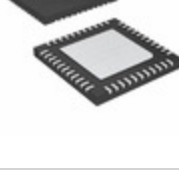
Specifications of DSPIC30F4012-30I/ML

PART NUMBER	DSPIC30F4012-30I/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 48KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC30F4012-30I/ML.pdf 2.DSPIC30F4012-30I/ML.pdf 3.DSPIC30F4012-30I/ML.pdf 4.DSPIC30F4012-30I/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-QFN (8x8)
SPEED	30 MIPs
SERIES	dsPIC™ 30F
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	48KB (16K x 24)
PERIPHERALS	Brown-out Detect/Reset, Motor Control PWM, QEI, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	44-VQFN Exposed Pad
OTHER NAMES	DSPIC30F401230IML
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	20
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	5 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 MIPs 48KB (16K x 24) FLASH 44-QFN (8x8)
DATA CONVERTERS	A/D 6x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F4012

Related Tags

Micrel / Microchip Technology DSPIC30F4012-30I/ML	DSPIC30F4012-30I/ML Distributor	DSPIC30F4012-30I/ML Supplier
DSPIC30F4012-30I/ML Price	DSPIC30F4012-30I/ML Pictures	DSPIC30F4012-30I/ML Image
DSPIC30F4012-30I/ML PDF Datasheet	DSPIC30F4012-30I/ML Download Datasheet	DSPIC30F4012-30I/ML Datasheet
DSPIC30F4012-30I/ML Stock	Buy DSPIC30F4012-30I/ML	Buy Micrel / Microchip Technology DSPIC30F4012-30I/ML
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Related Products

 DSPIC30F4012-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SDIP In stock: Out stock RFQ	 DSPIC30F4012T-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: Out stock RFQ
 DSPIC30F4012-30I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SDIP In stock: 63 pcs RFQ	 DSPIC30F4012-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: 152 pcs RFQ
 DSPIC30F4012T-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: Out stock RFQ	 DSPIC30F4012T-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: Out stock RFQ
 DSPIC30F4012T-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: Out stock RFQ	 DSPIC30F4012-20I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SDIP In stock: 44 pcs RFQ
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 DSPIC30F4012-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: 168 pcs RFQ	 DSPIC30F4012-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: Out stock RFQ