



DSPIC30F2012-20E/ML

Part Number:	DSPIC30F2012-20E/ML
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 12KB FLASH 28QFN
Datasheets:	 1.DSPIC30F2012-20E/ML.pdf
	 2.DSPIC30F2012-20E/ML.pdf
	 3.DSPIC30F2012-20E/ML.pdf
	 4.DSPIC30F2012-20E/ML.pdf
	 5.DSPIC30F2012-20E/ML.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	27871 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of DSPIC30F2012-20E/ML

PART NUMBER	DSPIC30F2012-20E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 28QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	27871 pcs
DATA SHEET	 1.DSPIC30F2012-20E/ML.pdf  2.DSPIC30F2012-20E/ML.pdf  3.DSPIC30F2012-20E/ML.pdf  4.DSPIC30F2012-20E/ML.pdf  5.DSPIC30F2012-20E/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-QFN (6x6)
SPEED	20 MIPS
SERIES	dsPIC™ 30F
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	12KB (4K x 24)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-VQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	20
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 12KB (4K x 24) FLASH 28-QFN (6x6)
DATA CONVERTERS	A/D 10x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F2012

Related Tags

Micrel / Microchip Technology DSPIC30F2012-20E/ML	DSPIC30F2012-20E/ML Distributor	DSPIC30F2012-20E/ML Supplier
DSPIC30F2012-20E/ML Price	DSPIC30F2012-20E/ML Pictures	DSPIC30F2012-20E/ML Image
DSPIC30F2012-20E/ML PDF Datasheet	DSPIC30F2012-20E/ML Download Datasheet	DSPIC30F2012-20E/ML Datasheet
DSPIC30F2012-20E/ML Stock	Buy DSPIC30F2012-20E/ML	Buy Micrel / Microchip Technology DSPIC30F2012-20E/ML
Micrel / Microchip Technology DSPIC30F2012-20E/ML	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F2012-20E/ML	Microchip Technology DSPIC30F2012-20E/ML	Roving Networks / Microchip Technology DSPIC30F2012-20E/ML

Related Products

MICROCHIP DSPIC30F2011T-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18SOIC In stock: 3895 pcs RFQ	MICROCHIP DSPIC30F2012-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 30541 pcs RFQ
MICROCHIP DSPIC30F2011T-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 4303 pcs RFQ	MICROCHIP DSPIC30F2012-20I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 36304 pcs RFQ
MICROCHIP DSPIC30F2012-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 33980 pcs RFQ	MICROCHIP DSPIC30F2011T-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 4472 pcs RFQ
MICROCHIP DSPIC30F2012-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 25671 pcs RFQ	MICROCHIP DSPIC30F2011T-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18SOIC In stock: 30760 pcs RFQ
MICROCHIP DSPIC30F2012-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 4847 pcs RFQ	MICROCHIP DSPIC30F2011T-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18SOIC In stock: 4367 pcs RFQ
MICROCHIP DSPIC30F2011T-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 7003 pcs RFQ	MICROCHIP DSPIC30F2012-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 34931 pcs RFQ