



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F2012-20E/SO

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

REQUEST FOR QUOTATION

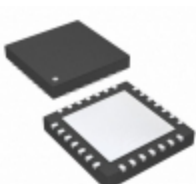
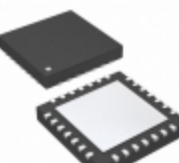
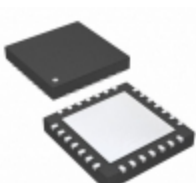
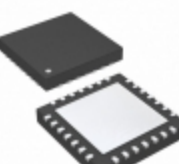
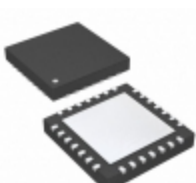
Specifications of DSPIC30F2012-20E/SO

PART NUMBER	DSPIC30F2012-20E/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.DSPIC30F2012-20E/SO.pdf PDF 2.DSPIC30F2012-20E/SO.pdf PDF 3.DSPIC30F2012-20E/SO.pdf PDF 4.DSPIC30F2012-20E/SO.pdf PDF 5.DSPIC30F2012-20E/SO.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-SOIC
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-SOIC (0.295", 7.50mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 12KB (4K x 24) FLASH 28-SOIC
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/SO	DSPIC30F2012-20E/SO Distributor	DSPIC30F2012-20E/SO Supplier
DSPIC30F2012-20E/SO Price	DSPIC30F2012-20E/SO Pictures	DSPIC30F2012-20E/SO Image
DSPIC30F2012-20E/SO PDF Datasheet	DSPIC30F2012-20E/SO Download Datasheet	DSPIC30F2012-20E/SO Datasheet
DSPIC30F2012-20E/SO Stock	Buy DSPIC30F2012-20E/SO	Buy Micrel / Microchip Technology DSPIC30F2012-20E/SO
Micrel / Microchip Technology DSPIC30F2012-20E/SO	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F2012-20E/SO	Microchip Technology DSPIC30F2012-20E/SO	Roving Networks / Microchip Technology DSPIC30F2012-20E/SO

Related Products

 DSPIC30F2011T-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18SOIC In stock: Out stock RFQ	 DSPIC30F2012-20I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: Out stock RFQ
 DSPIC30F2012-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 338 pcs RFQ	 DSPIC30F2012-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: Out stock RFQ
 DSPIC30F2011T-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18SOIC In stock: Out stock RFQ	 DSPIC30F2011T-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: Out stock RFQ
 DSPIC30F2012-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: Out stock RFQ	 DSPIC30F2012-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 252 pcs RFQ
 DSPIC30F2011T-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18SOIC In stock: Out stock RFQ	 DSPIC30F2012-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 493 pcs RFQ
 DSPIC30F2011T-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: Out stock RFQ	 DSPIC30F2012-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 242 pcs RFQ