



Micrel / Microchip Technology



DSPIC30F3012T-20I/SO

Part Number:	DSPIC30F3012T-20I/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 24KB FLASH 18SOIC
	 1.DSPIC30F3012T-20I/SO.pdf
	 2.DSPIC30F3012T-20I/SO.pdf
	 3.DSPIC30F3012T-20I/SO.pdf
	 4.DSPIC30F3012T-20I/SO.pdf
	 5.DSPIC30F3012T-20I/SO.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2877 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

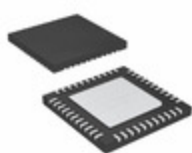
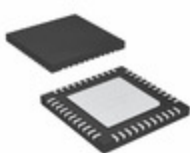
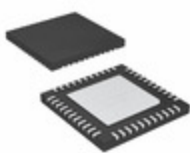
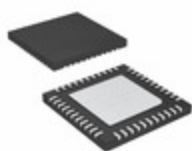
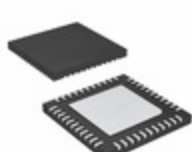
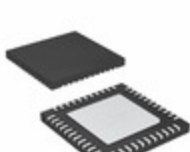
Specifications of DSPIC30F3012T-20I/SO

PART NUMBER	DSPIC30F3012T-20I/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 24KB FLASH 18SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2877 pcs
DATA SHEET	 1.DSPIC30F3012T-20I/SO.pdf  2.DSPIC30F3012T-20I/SO.pdf  3.DSPIC30F3012T-20I/SO.pdf  4.DSPIC30F3012T-20I/SO.pdf  5.DSPIC30F3012T-20I/SO.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	18-SOIC
SPEED	20 MIPS
SERIES	dsPIC™ 30F
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	24KB (8K x 24)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	18-SOIC (0.295", 7.50mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	12
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 24KB (8K x 24) FLASH 18-SOIC
DATA CONVERTERS	A/D 8x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F3012

Related Tags

Micrel / Microchip Technology DSPIC30F3012T-20I/SO	DSPIC30F3012T-20I/SO Distributor	DSPIC30F3012T-20I/SO Supplier
DSPIC30F3012T-20I/SO Price	DSPIC30F3012T-20I/SO Pictures	DSPIC30F3012T-20I/SO Image
DSPIC30F3012T-20I/SO PDF Datasheet	DSPIC30F3012T-20I/SO Download Datasheet	DSPIC30F3012T-20I/SO Datasheet
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Related Products

 DSPIC30F3013-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 17862 pcs RFQ	 DSPIC30F3012-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 28695 pcs RFQ
 DSPIC30F3013-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SDIP In stock: 22942 pcs RFQ	 DSPIC30F3012T-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 5058 pcs RFQ
 DSPIC30F3013-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SOIC In stock: 19939 pcs RFQ	 DSPIC30F3012T-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18SOIC In stock: 3774 pcs RFQ
 DSPIC30F3013-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 25540 pcs RFQ	 DSPIC30F3012-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18SOIC In stock: 25097 pcs RFQ
 DSPIC30F3012T-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 4664 pcs RFQ	 DSPIC30F3012T-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18SOIC In stock: 3142 pcs RFQ
 DSPIC30F3012-30I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 18DIP In stock: 23250 pcs RFQ	 DSPIC30F3012T-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: 3631 pcs RFQ