

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F4012T-20E/SO

Part Number:	DSPIC30F4012T-20E/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 48KB FLASH 28SOIC
	 1.DSPIC30F4012T-20E/SO.pdf
	 2.DSPIC30F4012T-20E/SO.pdf
	 3.DSPIC30F4012T-20E/SO.pdf
	 4.DSPIC30F4012T-20E/SO.pdf
	 5.DSPIC30F4012T-20E/SO.pdf
	 6.DSPIC30F4012T-20E/SO.pdf
	 7.DSPIC30F4012T-20E/SO.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6508 pcs stock
Ship From	Hong Kong
	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

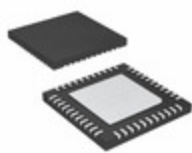
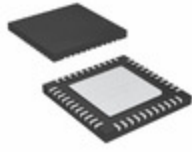
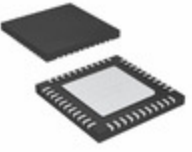
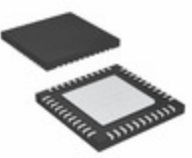
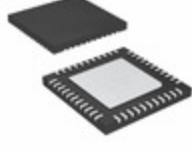
Specifications of DSPIC30F4012T-20E/SO

PART NUMBER	DSPIC30F4012T-20E/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 48KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6508 pcs
DATA SHEET	 1.DSPIC30F4012T-20E/SO.pdf  2.DSPIC30F4012T-20E/SO.pdf  3.DSPIC30F4012T-20E/SO.pdf  4.DSPIC30F4012T-20E/SO.pdf  5.DSPIC30F4012T-20E/SO.pdf  6.DSPIC30F4012T-20E/SO.pdf  7.DSPIC30F4012T-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	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	Tape & Reel (TR)
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)
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 48KB (16K x 24) FLASH 28-SOIC
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 DSPIC30F4012T-20E/SO	DSPIC30F4012T-20E/SO Distributor	DSPIC30F4012T-20E/SO Supplier
DSPIC30F4012T-20E/SO Price	DSPIC30F4012T-20E/SO Pictures	DSPIC30F4012T-20E/SO Image
DSPIC30F4012T-20E/SO PDF Datasheet	DSPIC30F4012T-20E/SO Download Datasheet	DSPIC30F4012T-20E/SO Datasheet
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Micrel / Microchip Technology DSPIC30F4012T-20E/SO	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F4012T-20E/SO	Microchip Technology DSPIC30F4012T-20E/SO	Roving Networks / Microchip Technology DSPIC30F4012T-20E/SO

Related Products

 DSPIC30F4012T-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: 6646 pcs RFQ	 DSPIC30F4013-20E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 40DIP In stock: 17256 pcs RFQ
 DSPIC30F4012T-20I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: 5055 pcs RFQ	 DSPIC30F4012-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: 13865 pcs RFQ
 DSPIC30F4012-30I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SDIP In stock: 14883 pcs RFQ	 DSPIC30F4012T-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: 3599 pcs RFQ
 DSPIC30F4012-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: 20078 pcs RFQ	 DSPIC30F4012-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: 16271 pcs RFQ
 DSPIC30F4013-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 44QFN In stock: 16170 pcs RFQ	 DSPIC30F4012T-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: 4816 pcs RFQ
 DSPIC30F4012-20I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SDIP In stock: 19873 pcs RFQ	 DSPIC30F4012T-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 48KB FLASH 28SOIC In stock: 6123 pcs RFQ

