

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F2010T-20I/SO

Part Number:	DSPIC30F2010T-20I/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 12KB FLASH 28SOIC  1.DSPIC30F2010T-20I/SO.pdf  2.DSPIC30F2010T-20I/SO.pdf  3.DSPIC30F2010T-20I/SO.pdf  4.DSPIC30F2010T-20I/SO.pdf  5.DSPIC30F2010T-20I/SO.pdf

REQUEST FOR QUOTATION

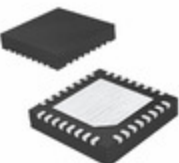
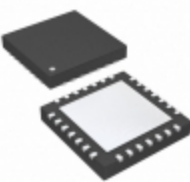
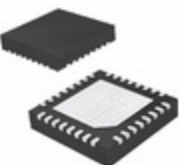
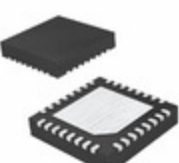
Specifications of DSPIC30F2010T-20I/SO

PART NUMBER	DSPIC30F2010T-20I/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	5097 pcs
DATA SHEET	 1.DSPIC30F2010T-20I/SO.pdf  2.DSPIC30F2010T-20I/SO.pdf  3.DSPIC30F2010T-20I/SO.pdf  4.DSPIC30F2010T-20I/SO.pdf  5.DSPIC30F2010T-20I/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	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	12KB (4K 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)
OTHER NAMES	DSPIC30F2010T20IS
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	20
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 12KB (4K x 24) FLASH 28-SOIC
DATA CONVERTERS	A/D 6x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F2010

Related Tags

Micrel / Microchip Technology DSPIC30F2010T-20I/SO	DSPIC30F2010T-20I/SO Distributor	DSPIC30F2010T-20I/SO Supplier
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Micrel / Microchip Technology DSPIC30F2010T-20I/SO	Microchip Technology DSPIC30F2010T-20I/SO	Roving Networks / Microchip Technology DSPIC30F2010T-20I/SO

Related Products

MICROCHIP DSPIC30F2011-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18SOIC In stock: 28150 pcs RFQ	 DSPIC30F2010T-30I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 33949 pcs RFQ
 DSPIC30F2011-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 4980 pcs RFQ	 DSPIC30F2010T-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 4373 pcs RFQ
 DSPIC30F2010T-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 31750 pcs RFQ	 DSPIC30F2010T-20E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 25469 pcs RFQ
 DSPIC30F2010T-20I/SOG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 2958 pcs RFQ	 DSPIC30F2010-30I/SOG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 7065 pcs RFQ
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 DSPIC30F2011-20E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 18DIP In stock: 33375 pcs RFQ	MICROCHIP DSPIC30F2010-30I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 25422 pcs RFQ

