



Micrel / Microchip Technology



DSPIC30F2010-20I/SP

Part Number:	DSPIC30F2010-20I/SP
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 12KB FLASH 28SDIP
	 1.DSPIC30F2010-20I/SP.pdf
	 2.DSPIC30F2010-20I/SP.pdf
	 3.DSPIC30F2010-20I/SP.pdf
	 4.DSPIC30F2010-20I/SP.pdf
	 5.DSPIC30F2010-20I/SP.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	25758 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.

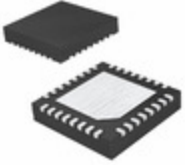
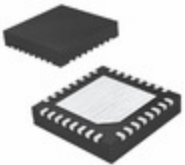
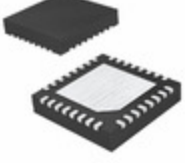
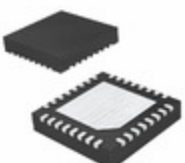
Specifications of DSPIC30F2010-20I/SP

PART NUMBER	DSPIC30F2010-20I/SP
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 28SDIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	25758 pcs
DATA SHEET	 1.DSPIC30F2010-20I/SP.pdf  2.DSPIC30F2010-20I/SP.pdf  3.DSPIC30F2010-20I/SP.pdf  4.DSPIC30F2010-20I/SP.pdf  5.DSPIC30F2010-20I/SP.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-SPDIP
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	Tube
PACKAGE / CASE	28-DIP (0.300" , 7.62mm)
OTHER NAMES	DSPIC30F2010-20I/SPG DSPIC30F201020ISG DSPIC30F201020ISG-ND DSPIC30F201020ISP
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	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 12KB (4K x 24) FLASH 28-SPDIP
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 DSPIC30F2010-20I/SP	DSPIC30F2010-20I/SP Distributor	DSPIC30F2010-20I/SP Supplier
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DSPIC30F2010-20I/SP PDF Datasheet	DSPIC30F2010-20I/SP Download Datasheet	DSPIC30F2010-20I/SP Datasheet
DSPIC30F2010-20I/SP Stock	Buy DSPIC30F2010-20I/SP	Buy Micrel / Microchip Technology DSPIC30F2010-20I/SP
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Micrel / Microchip Technology DSPIC30F2010-20I/SP	Microchip Technology DSPIC30F2010-20I/SP	Roving Networks / Microchip Technology DSPIC30F2010-20I/SP

Related Products

 DSPIC30F2010-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 28328 pcs RFQ	 DSPIC30F2010-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 32640 pcs RFQ
 DSPIC30F2010-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 23958 pcs RFQ	 DSPIC30F2010 DEVELOPMENT KIT Manufacturers: Custom Computer Services Description: KIT DEV EMBEDDED C In stock: 6731 pcs RFQ
 DSPIC30F2010-30I/SOG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 7065 pcs RFQ	 DSPIC30F2010-20I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 29597 pcs RFQ
 DSPIC30F2010T-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 31750 pcs RFQ	 DSPIC30F2010-30I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 24144 pcs RFQ
 DSPIC30F2010-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 28454 pcs RFQ	 DSPIC30F2010-30I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 25422 pcs RFQ
 DSPIC30F2010-20E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 22831 pcs RFQ	 DSPIC30F2010T-20E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 25469 pcs RFQ

