



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F2010-30I/SO

Part Number:	DSPIC30F2010-30I/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 12KB FLASH 28SOIC
Datasheets:	1.DSPIC30F2010-30I/SO.pdf
	2.DSPIC30F2010-30I/SO.pdf
	3.DSPIC30F2010-30I/SO.pdf
	4.DSPIC30F2010-30I/SO.pdf
	5.DSPIC30F2010-30I/SO.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

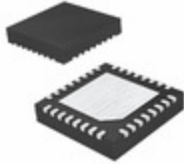
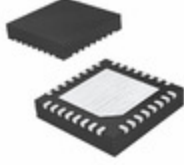
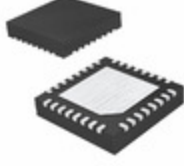
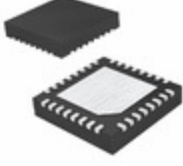
Specifications of DSPIC30F2010-30I/SO

PART NUMBER	DSPIC30F2010-30I/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC30F2010-30I/SO.pdf 2.DSPIC30F2010-30I/SO.pdf 3.DSPIC30F2010-30I/SO.pdf 4.DSPIC30F2010-30I/SO.pdf 5.DSPIC30F2010-30I/SO.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-SOIC
SPEED	30 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-SOIC (0.295", 7.50mm Width)
OTHER NAMES	DSPIC30F201030I/S-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	20
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	5 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 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 DSPIC30F2010-30I/SO	DSPIC30F2010-30I/SO Distributor	DSPIC30F2010-30I/SO Supplier
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Related Products

 DSPIC30F2010-20I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 522 pcs RFQ	 DSPIC30F2010-20I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 617 pcs RFQ
 DSPIC30F2010-20E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SOIC In stock: 199 pcs RFQ	 DSPIC30F2010-20I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 92 pcs RFQ
 DSPIC30F2010-30I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: 244 pcs RFQ	 DSPIC30F2010-30I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 45 pcs RFQ
 DSPIC30F2010T-20I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: Out stock RFQ	 DSPIC30F2010T-20E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28QFN In stock: Out stock RFQ
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