



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC30F3010-20I/SO

Part Number:	DSPIC30F3010-20I/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 24KB FLASH 28SOIC
Datasheets:	 1.DSPIC30F3010-20I/SO.pdf
	 2.DSPIC30F3010-20I/SO.pdf
	 3.DSPIC30F3010-20I/SO.pdf
	 4.DSPIC30F3010-20I/SO.pdf
	 5.DSPIC30F3010-20I/SO.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

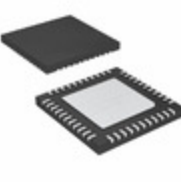
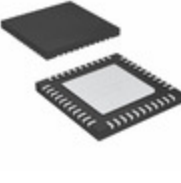
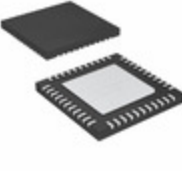
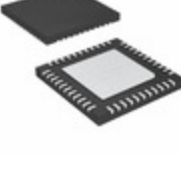
Specifications of DSPIC30F3010-20I/SO

PART NUMBER	DSPIC30F3010-20I/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 24KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.DSPIC30F3010-20I/SO.pdf  2.DSPIC30F3010-20I/SO.pdf  3.DSPIC30F3010-20I/SO.pdf  4.DSPIC30F3010-20I/SO.pdf  5.DSPIC30F3010-20I/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	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	24KB (8K 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	DSPIC30F301020ISO
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	20
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 20 MIPS 24KB (8K 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	DSPIC30F3010

Related Tags

Micrel / Microchip Technology DSPIC30F3010-20I/SO	DSPIC30F3010-20I/SO Distributor	DSPIC30F3010-20I/SO Supplier
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DSPIC30F3010-20I/SO PDF Datasheet	DSPIC30F3010-20I/SO Download Datasheet	DSPIC30F3010-20I/SO Datasheet
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Related Products

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 DSPIC30F3010T-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28QFN In stock: Out stock RFQ	 DSPIC30F3010-30I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SOIC In stock: 147 pcs RFQ
 DSPIC30F2023T-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 44QFN In stock: Out stock RFQ	 DSPIC30F3010-20E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: Out stock RFQ
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 DSPIC30F3010-20E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 28SDIP In stock: Out stock RFQ	 DSPIC30F3010-30I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 24KB FLASH 44QFN In stock: Out stock RFQ