



Micrel / Microchip Technology

## DSPIC30F2010-20E/MM

Part Number:	DSPIC30F2010-20E/MM
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 12KB FLASH 28QFN
	<a href="#">1.DSPIC30F2010-20E/MM.pdf</a>
	<a href="#">2.DSPIC30F2010-20E/MM.pdf</a>
	<a href="#">3.DSPIC30F2010-20E/MM.pdf</a>
	<a href="#">4.DSPIC30F2010-20E/MM.pdf</a>
	<a href="#">5.DSPIC30F2010-20E/MM.pdf</a>
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	22831 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 DSPIC30F2010-20E/MM

PART NUMBER	DSPIC30F2010-20E/MM
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 12KB FLASH 28QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22831 pcs
DATA SHEET	<a href="#">1.DSPIC30F2010-20E/MM.pdf</a> <a href="#">2.DSPIC30F2010-20E/MM.pdf</a> <a href="#">3.DSPIC30F2010-20E/MM.pdf</a> <a href="#">4.DSPIC30F2010-20E/MM.pdf</a> <a href="#">5.DSPIC30F2010-20E/MM.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-QFN-S (6x6)
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-VQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	20
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-QFN-S (6x6)
DATA CONVERTERS	A/D 6x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	DSPIC30F2010

### Related Tags

Micrel / Microchip Technology DSPIC30F2010-20E/MM	DSPIC30F2010-20E/MM Distributor	DSPIC30F2010-20E/MM Supplier
DSPIC30F2010-20E/MM Price	DSPIC30F2010-20E/MM Pictures	DSPIC30F2010-20E/MM Image
DSPIC30F2010-20E/MM PDF Datasheet	DSPIC30F2010-20E/MM Download Datasheet	DSPIC30F2010-20E/MM Datasheet
DSPIC30F2010-20E/MM Stock	Buy DSPIC30F2010-20E/MM	Buy Micrel / Microchip Technology DSPIC30F2010-20E/MM
Micrel / Microchip Technology DSPIC30F2010-20E/MM	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC30F2010-20E/MM	Microchip Technology DSPIC30F2010-20E/MM	Roving Networks / Microchip Technology DSPIC30F2010-20E/MM

### Related Products

<p><b>DSPIC30F1010-30I/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 6KB FLASH 28QFN                  In stock: 25455 pcs  <b>RFQ</b></p>	<p><b>DSPIC30F2010 DEVELOPMENT KIT</b>                  Manufacturers: Custom Computer Services                  Description: KIT DEV EMBEDDED C                  In stock: 6731 pcs  <b>RFQ</b></p>
<p><b>DSPIC30F1010T-30I/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 6KB FLASH 28QFN                  In stock: 3614 pcs  <b>RFQ</b></p>	<p><b>DSPIC30F2010-20E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 12KB FLASH 28SOIC                  In stock: 28328 pcs  <b>RFQ</b></p>
<p><b>DSPIC30F1010-30I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 6KB FLASH 28SDIP                  In stock: 24882 pcs  <b>RFQ</b></p>	<p><b>DSPIC30F1010-30I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 6KB FLASH 28SOIC                  In stock: 20869 pcs  <b>RFQ</b></p>
<p><b>DSPIC30F2010-20I/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 12KB FLASH 28QFN                  In stock: 29597 pcs  <b>RFQ</b></p>	<p><b>DSPIC30F2010-30I/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 12KB FLASH 28QFN                  In stock: 24144 pcs  <b>RFQ</b></p>
<p><b>DSPIC30F2010-20E/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 12KB FLASH 28SDIP                  In stock: 32640 pcs  <b>RFQ</b></p>	<p><b>DSPIC30F1010T-30I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 6KB FLASH 28SOIC                  In stock: 5954 pcs  <b>RFQ</b></p>
<p><b>DSPIC30F2010-20I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 12KB FLASH 28SDIP                  In stock: 25758 pcs  <b>RFQ</b></p>	<p><b>DSPIC30F2010-20I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 12KB FLASH 28SOIC                  In stock: 23958 pcs  <b>RFQ</b></p>