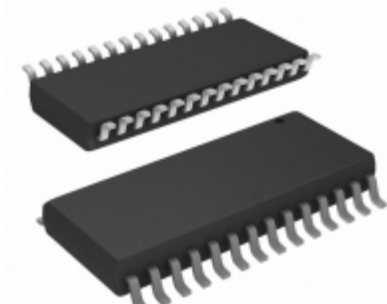


DSPIC30F2010T-20E/SO



Images are for reference only.
See Product Specifications for product details.
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Part Number: DSPIC30F2010T-20E/SO

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 12KB FLASH 28SOIC

Data sheet:

 dsPIC30F2010 Datasheet

 dsPIC30F2010 Errata & Data Sheet Clarification

 16-bit Embedded Control Solutions

 dsPIC30F Section 35. Serial Peripheral

 DSPIC30F Flash Programming Specification

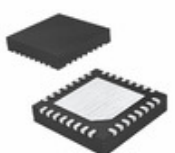
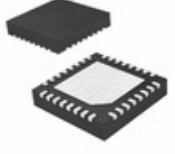
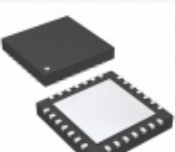
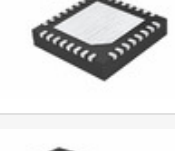
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	DSPIC30F2010T-20E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 12KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	33663 pcs	Data sheet	dsPIC30F2010 Datasheet dsPIC30F2010 Errata & Data Sheet Clarification 16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral Interface(S DSPIC30F Flash Programming Specification
Category	Integrated Circuits (ICs)	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)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°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 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
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