

DSPIC30F2010-20I/SP



Part Number: [DSPIC30F2010-20I/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 12KB FLASH 28SDIP

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

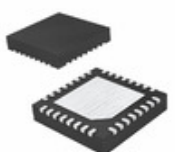
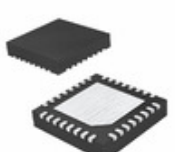
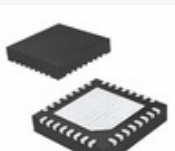
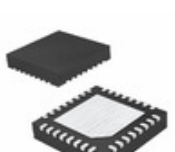
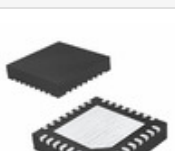
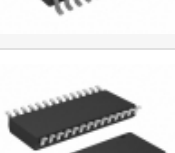
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PRODUCT PARAMETER			
Part Number	DSPIC30F2010-20I/SP	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 12KB FLASH 28SDIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32791 pcs	Data sheet	dsPIC30F2010 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-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)
Manufacturer Standard Lead Time	6 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-SPDIP
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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