

DSPIC30F4012-20E/SP



Part Number: [DSPIC30F4012-20E/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 48KB FLASH 28SDIP

Data sheet:  [dsPIC30F4011,4012 Errata & Data Sheet Clarificatio](#)
 [16-bit Embedded Control Solutions](#)
 [DSPIC30F Flash Programming Specification](#)
 [DSPIC30F4011, 4012 Data Sheet](#)

RoHs Status: Contains lead / RoHS non-compliant

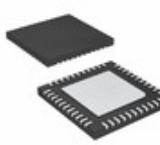
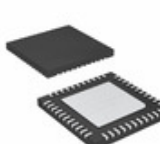
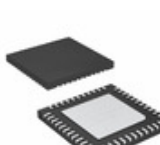
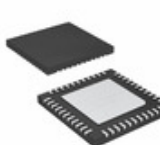
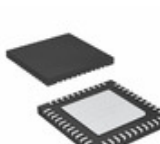
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PRODUCT PARAMETER			
Part Number	DSPIC30F4012-20E/SP	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 48KB FLASH 28SDIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	21325 pcs	Data sheet	dsPIC30F4011,4012 Errata & Data Sheet Clarificatio 16-bit Embedded Control Solutions DSPIC30F Flash Programming Specification DSPIC30F4011, 4012 Data Sheet
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	2K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (16K 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	DSPIC30F401220ESP
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	6 Weeks	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	1K x 8	Detailed Description	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 48KB (16K x 24) FLASH 28-SPDIP
Data Converters	A/D 6x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	DSPIC30F4012		
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RELATED PRODUCTS			
	Part#: DSPIC30F4011T-20E/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012-20E/SO Description: IC MCU 16BIT 48KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4011T-20I/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4012T-20E/SO Description: IC MCU 16BIT 48KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012T-20E/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC30F4012-20E/SP

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