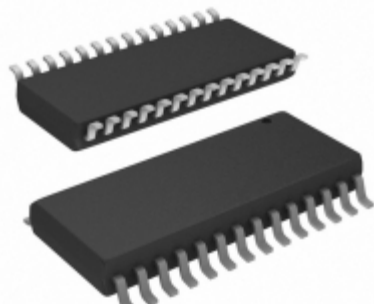


DSPIC30F4012T-20E/SO



Images are for reference only.
See Product Specifications for product details.
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Part Number: DSPIC30F4012T-20E/SO

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 48KB FLASH 28SOIC

Data sheet:  DSPIC30F4011, 4012 Silicon Errata
 dsPIC30F4011,4012 Errata & Data Sheet Clarificatio
 dsPIC30F Ref Manual Errata
 16-bit Embedded Control Solutions
 DSPIC30F Section35 SPI
 DSPIC30F Flash Prog. Spec.
 DSPIC30F4011, 4012 Data Sheet

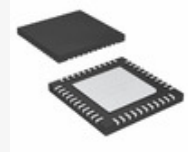
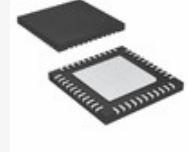
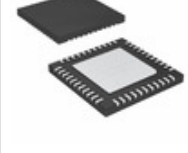
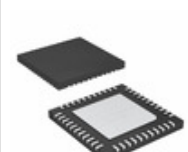
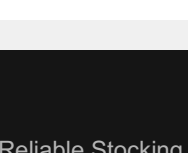
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC30F4012T-20E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 48KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3983 pcs	Data sheet	DSPIC30F4011, 4012 Silicon Errata dsPIC30F4011,4012 Errata & Data Sheet Clarificatio dsPIC30F Ref Manual Errata 16-bit Embedded Control Solutions DSPIC30F Section35 SPI DSPIC30F Flash Prog. Spec. DSPIC30F4011, 4012 Data Sheet
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	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	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)	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 48KB (16K x 24) FLASH 28-SOIC
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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	Part#: DSPIC30F4012-20I/SP Description: IC MCU 16BIT 48KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4013-20E/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012-20I/SO Description: IC MCU 16BIT 48KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4012T-30I/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4013-20I/P Description: IC MCU 16BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4012-20I/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4013-20E/P Description: IC MCU 16BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012-20E/SP Description: IC MCU 16BIT 48KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4013-20I/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012T-20I/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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