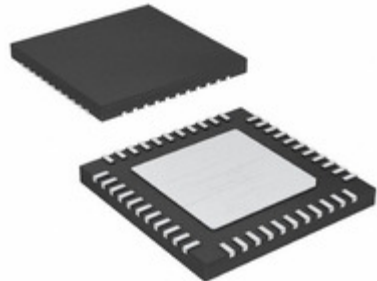


DSPIC30F4013-20E/ML



Images are for reference only.
See Product Specifications for product details.
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Part Number: DSPIC30F4013-20E/ML

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 48KB FLASH 44QFN

Data sheet:  DSPIC30F Programmer Reference Errata Sheet
 dsPIC30F Ref Manual Errata
 16-bit Embedded Control Solutions
 DSPIC30F3014, 4013
 dsPIC30F Section 35. Serial Peripheral Interface(S)
 dsPIC30F3014,4013 Errata & Data Sheet Clarificatio
 DSPIC30F Flash Programming Specification

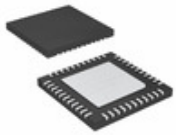
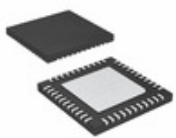
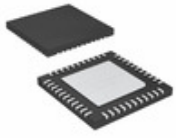
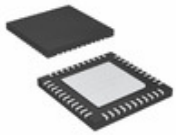
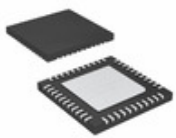
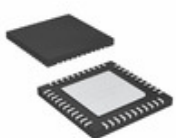
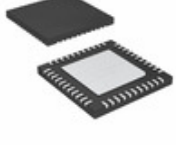
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC30F4013-20E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 48KB FLASH 44QFN	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	19313 pcs	Data sheet	DSPIC30F Programmer Reference Errata Sheet dsPIC30F Ref Manual Errata 16-bit Embedded Control Solutions DSPIC30F3014, 4013 dsPIC30F Section 35. Serial Peripheral Interface(S dsPIC30F3014,4013 Errata & Data Sheet Clarificatio DSPIC30F Flash Programming Specification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	44-QFN (8x8)	Speed	20 MIPS
Series	dsPIC™ 30F	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (16K x 24)
Peripherals	AC'97, Brown-out Detect/Reset, I ² S, POR, PWM, WDT	Packaging	Tube
Package / Case	44-VQFN Exposed Pad	Other Names	DSPIC30F401320EML
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	30	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	10 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 44-QFN (8x8)
Data Converters	A/D 13x12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, PC, SPI, UART/USART
Base Part Number	DSPIC30F4013		
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	Part#: DSPIC30F4013-30I/P Description: IC MCU 16BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4013-20I/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012T-30I/SO Description: IC MCU 16BIT 48KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4013-20I/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4013-20E/P Description: IC MCU 16BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012T-30I/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4012T-20I/SO Description: IC MCU 16BIT 48KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4013T-20E/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012-30I/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012-20I/SP Description: IC MCU 16BIT 48KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012-30I/SP Description: IC MCU 16BIT 48KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4012T-20E/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4013-30I/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F4013-20I/P Description: IC MCU 16BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC30F4013-20E/ML

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