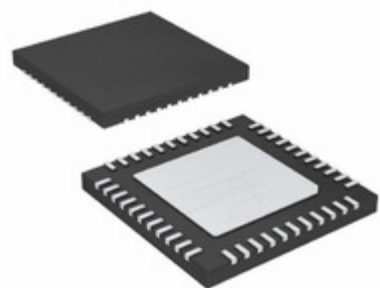


DSPIC30F4013T-20E/ML



Images are for reference only.
See Product Specifications for product details.
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Part Number: DSPIC30F4013T-20E/ML

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 48KB FLASH 44QFN

Data sheet:  [DSPIC30F Programmer Reference Errata Sheet](#)
 [dsPIC30F Ref Manual Errata](#)
 [DSPIC30F3014, 4013](#)
 [dsPIC30F3014,4013 Errata & Data Sheet Clarificatio](#)
 [16-bit Embedded Control Solutions](#)
 [DSPIC30F Section35 SPI](#)
 [DSPIC30F Flash Prog. Spec.](#)

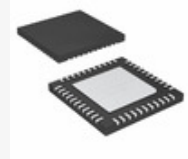
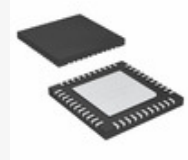
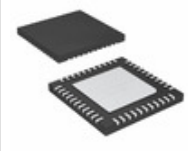
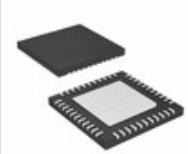
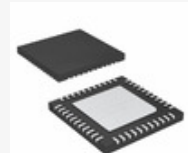
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC30F4013T-20E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 48KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5904 pcs	Data sheet	DSPIC30F Programmer Reference Errata Sheet dsPIC30F Ref Manual Errata DSPIC30F3014, 4013 dsPIC30F3014,4013 Errata & Data Sheet Clarificatio 16-bit Embedded Control Solutions DSPIC30F Section35 SPI DSPIC30F Flash Prog. Spec.
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, I²S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	30
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 44-QFN (8x8)
Data Converters	A/D 13x12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	DSPIC30F4013		
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	Part#: DSPIC30F4013-30I/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F501130IP Description: IC MCU 16BIT 66KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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