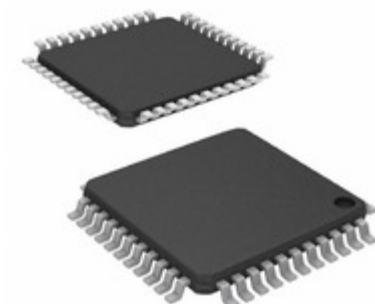


DSPIC30F4013T-30I/PT



Images are for reference only.
See Product Specifications for product details.
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Part Number: DSPIC30F4013T-30I/PT

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 48KB FLASH 44TQFP

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](#)

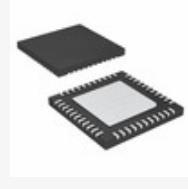
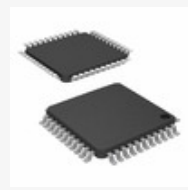
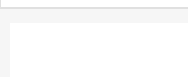
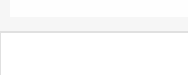
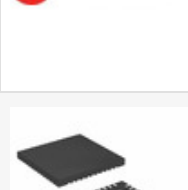
RoHs Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	DSPIC30F4013T-30I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 48KB FLASH 44TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	21359 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-TQFP (10x10)	Speed	30 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-TQFP	Other Names	DSPIC30F4013T30IP DSPIC30F4013T30IP-ND DSPIC30F4013T30IPTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	30	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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 30 MIPs 48KB (16K x 24) FLASH 44-TQFP (10x10)
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#: DSPIC30F4013T-20I/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
	Part#: DSPIC30F4013T-20E/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	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
	Part#: DSPIC30F4013-30I/ML Description: IC MCU 16BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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