

DSPIC30F3013T-20I/ML



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Part Number:

DSPIC30F3013T-20I/ML

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 24KB FLASH 44QFN

Data sheet:

 [dsPIC30F2011/2012/3012/3013](#)

 [dsPIC30F Ref Manual Errata](#)

 [16-bit Embedded Control Solutions](#)

 [dsPIC30F Section 35. Serial Peripheral Interface\(S](#)

 [DSPIC30F Flash Programming Specification](#)

 [dsPIC30F3012,3013 Errata & Data Sheet Clarificatio](#)

RoHs Status:

Lead free / RoHS Compliant

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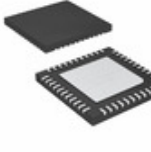
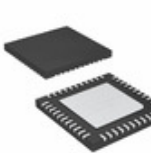
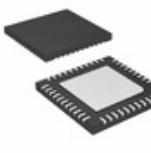
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PRODUCT PARAMETER			
Part Number	DSPIC30F3013T-20I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 24KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24223 pcs	Data sheet	dsPIC30F2011/2012/3012/3013 dsPIC30F Ref Manual Errata 16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral Interface(S DSPIC30F Flash Programming Specification dsPIC30F3012,3013 Errata & Data Sheet Clarificatio
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	24KB (8K x 24)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	20
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	8 Weeks
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 24KB (8K x 24) FLASH 44-QFN (8x8)	Data Converters	A/D 10x12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, SPI, UART/USART	Base Part Number	DSPIC30F3013
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