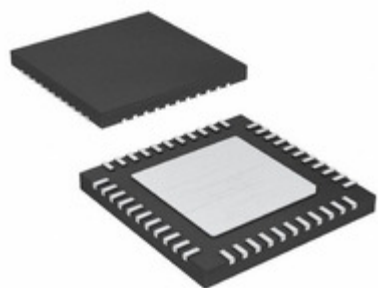


DSPIC30F3012-30I/ML



Images are for reference only.
See Product Specifications for product details.
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Part Number: DSPIC30F3012-30I/ML

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 24KB FLASH 44QFN

Data sheet:  [dsPIC30F2011/2012/3012/3013](#)
 [16-bit Embedded Control Solutions](#)
 [dsPIC30F Section 35. Serial Peripheral Interface\(S](#)
 [DSPIC30F Flash Programming Specification](#)
 [dsPIC30F3012,3013 Errata & Data Sheet Clarificatio](#)

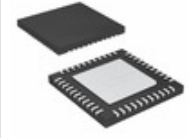
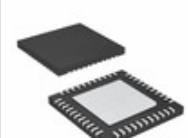
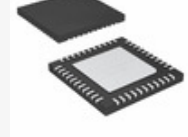
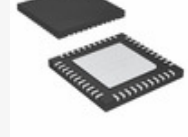
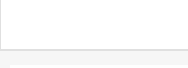
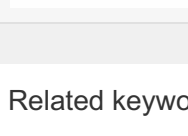
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC30F3012-30I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 24KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23360 pcs	Data sheet	dsPIC30F2011/2012/3012/3013 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	30 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	Tube
Package / Case	44-VQFN Exposed Pad	Other Names	DSPIC30F301230IML
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	12	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 30 MIPS 24KB (8K x 24) FLASH 44-QFN (8x8)
Data Converters	A/D 8x12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	PC, SPI, UART/USART
Base Part Number	DSPIC30F3012		
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	Part#: DSPIC30F3012-20E/ML Description: IC MCU 16BIT 24KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F3012T-20I/SO Description: IC MCU 16BIT 24KB FLASH 18SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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