

DSPIC30F3011-20I/ML



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Part Number: DSPIC30F3011-20I/ML

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 24KB FLASH 44QFN

Data sheet:

 16-bit Embedded Control Solutions

 dsPIC30F Section 35. Serial Peripheral Interface(S

 DSPIC30F3010, 3011

 DSPIC30F Flash Programming Specification

 dsPIC30F3010,3011 Errata & Data Sheet Clarificatio

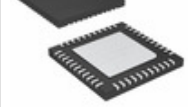
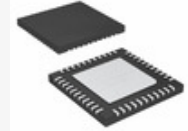
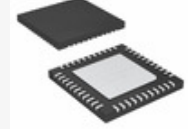
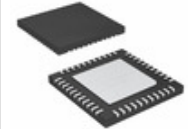
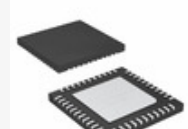
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	DSPIC30F3011-20I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 24KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21223 pcs	Data sheet	16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral Interface(S DSPIC30F3010, 3011 DSPIC30F Flash Programming Specification dsPIC30F3010,3011 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	1K x 8
Program Memory Type	FLASH	Program Memory Size	24KB (8K x 24)
Peripherals	Brown-out Detect/Reset, Motor Control PWM, QEI, POR, PWM, WDT	Packaging	Tube
Package / Case	44-VQFN Exposed Pad	Other Names	DSPIC30F301120IML
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	30	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 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 9x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	DSPIC30F3011		
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