

DSPIC30F3011-20I/PT



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Part Number: DSPIC30F3011-20I/PT

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 24KB FLASH 44TQFP

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/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 24KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27354 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-TQFP (10x10)	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	Tray
Package / Case	44-TQFP	Other Names	DSPIC30F301120IPT
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	7 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-TQFP (10x10)
Data Converters	A/D 9x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	IPC, SPI, UART/USART
Base Part Number	DSPIC30F3011		
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