

DSPIC30F4011-20E/P



Part Number: [DSPIC30F4011-20E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 48KB FLASH 40DIP

Data sheet:  [DSPIC30F4011, 4012 Silicon Errata](#)

 [dsPIC30F4011,4012 Errata & Data Sheet Clarificatio](#)

 [DSPIC30F Programmer Reference Errata Sheet](#)

 [dsPIC30F Ref Manual Errata](#)

 [16-bit Embedded Control Solutions](#)

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

 [DSPIC30F4011, 4012 Data Sheet](#)

RoHs Status: Contains lead / RoHS non-compliant

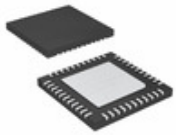
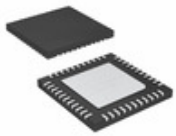
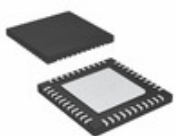
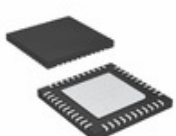
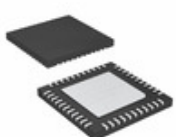
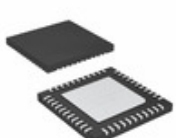
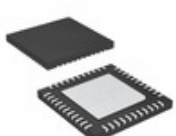
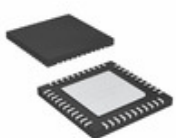
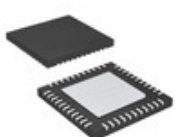
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PRODUCT PARAMETER			
Part Number	DSPIC30F4011-20E/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 48KB FLASH 40DIP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	17991 pcs	Data sheet	DSPIC30F4011, 4012 Silicon Errata dsPIC30F4011,4012 Errata & Data Sheet Clarificatio DSPIC30F Programmer Reference Errata Sheet dsPIC30F Ref Manual Errata 16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral Interface(S DSPIC30F4011, 4012 Data Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	40-PDIP	Speed	20 MIPS
Series	dsPIC™ 30F	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (16K x 24)
Peripherals	Brown-out Detect/Reset, Motor Control PWM, QEI, POR, PWM, WDT	Packaging	Tube
Package / Case	40-DIP (0.600", 15.24mm)	Other Names	DSPIC30F4011-20EP
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	30	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	4 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 20 MIPS 48KB (16K x 24) FLASH 40-PDIP
Data Converters	A/D 9x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	DSPIC30F4011		
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RELATED PRODUCTS			
	Part#: DSPIC30F3014T-20E/ML Description: IC MCU 16BIT 24KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F4011-20E/PT Description: IC MCU 16BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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