

DSPIC30F2011-20E/P



Part Number: [DSPIC30F2011-20E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 12KB FLASH 18DIP

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

RoHs Status: Lead free / RoHS Compliant

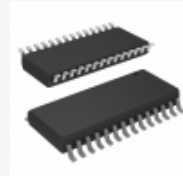
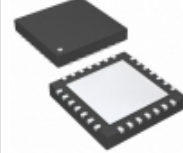
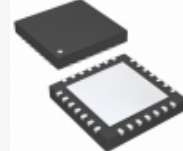
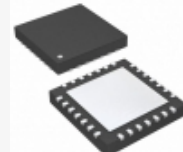
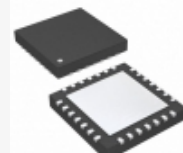
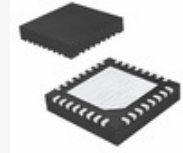
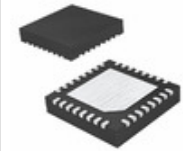
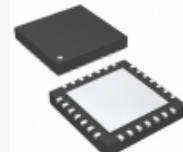
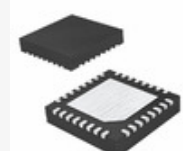
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PRODUCT PARAMETER			
Part Number	DSPIC30F2011-20E/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 12KB FLASH 18DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	34321 pcs	Data sheet	dsPIC30F2011/2012/3012/3013 16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral Interface(S dsPIC30F2011,2012 Errata & Clarification DSPIC30F Flash Programming Specification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	18-PDIP	Speed	20 MIPS
Series	dsPIC™ 30F	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	12KB (4K x 24)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	18-DIP (0.300", 7.62mm)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	12
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 12KB (4K x 24) FLASH 18-PDIP	Data Converters	A/D 8x12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, SPI, UART/USART	Base Part Number	DSPIC30F2011
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RELATED PRODUCTS			
	Part#: DSPIC30F2011-30I/SO Description: IC MCU 16BIT 12KB FLASH 18SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F2010T-20I/SOG Description: IC MCU 16BIT 12KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F2011-20I/ML Description: IC MCU 16BIT 12KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F2011-30I/P Description: IC MCU 16BIT 12KB FLASH 18DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F2010T-20I/SO Description: IC MCU 16BIT 12KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F2011T-20I/ML Description: IC MCU 16BIT 12KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F2010-30I/SP Description: IC MCU 16BIT 12KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F2011-20E/ML Description: IC MCU 16BIT 12KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F2010T-20E/SO Description: IC MCU 16BIT 12KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F2011-20I/SO Description: IC MCU 16BIT 12KB FLASH 18SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC30F2011-20E/P

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