

DSPIC30F3011-30I/P



Part Number: [DSPIC30F3011-30I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 24KB FLASH 40DIP

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

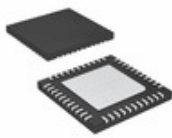
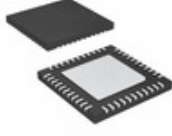
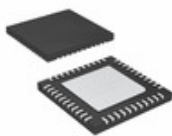
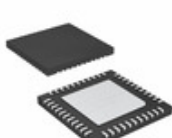
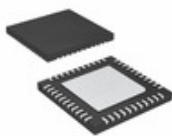
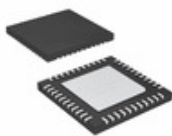
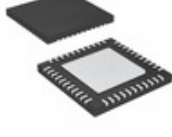
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PRODUCT PARAMETER			
Part Number	DSPIC30F3011-30I/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 24KB FLASH 40DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26139 pcs	Data sheet	16-bit Embedded 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	40-PDIP	Speed	30 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	40-DIP (0.600", 15.24mm)	Other Names	DSPIC30F3011-30IP DSPIC30F301130IP
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	23 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 40-PDIP
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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