

DSPIC30F3010T-20E/SO



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Part Number: DSPIC30F3010T-20E/SO

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 24KB FLASH 28SOIC

Data sheet:  DSPIC30F Programmer Reference Errata Sheet

 dsPIC30F Ref Manual Errata

 16-bit Embedded Control Solutions

 DSPIC30F Section35 SPI

 DSPIC30F Flash Prog. Spec.

 dsPIC30F3010,3011 Errata & Data Sheet Clarificatio

 DSPIC30F3010,11

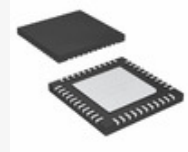
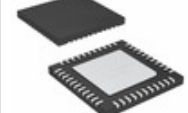
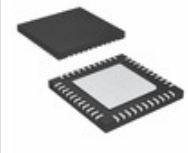
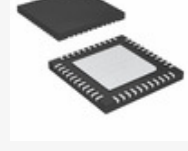
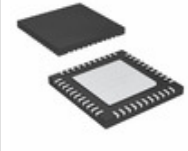
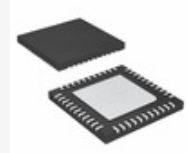
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	DSPIC30F3010T-20E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 24KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5076 pcs	Data sheet	DSPIC30F Programmer Reference Errata Sheet dsPIC30F Ref Manual Errata 16-bit Embedded Control Solutions DSPIC30F Section35 SPI DSPIC30F Flash Prog. Spec. dsPIC30F3010,3011 Errata & Data Sheet Clarificatio DSPIC30F3010,11
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	28-SOIC	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	Tape & Reel (TR)
Package / Case	28-SOIC (0.295", 7.50mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	20
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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 28-SOIC
Data Converters	A/D 6x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	DSPIC30F3010		
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