

DSPIC30F3010T-20I/SO





Part Number: [DSPIC30F3010T-20I/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

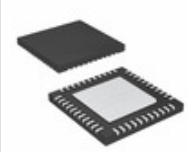
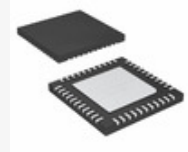
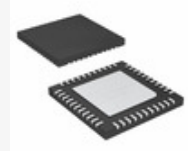
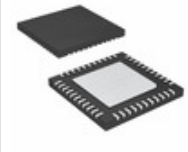
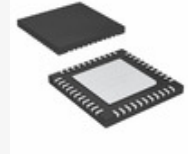
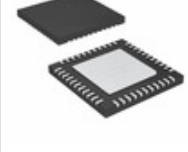
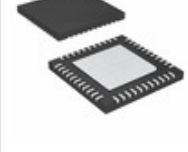
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PRODUCT PARAMETER			
Part Number	DSPIC30F3010T-20I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 24KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5197 pcs	Data sheet	DSPIC30F Programmer 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 ~ 85°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		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5197 pieces of Micrel / Microchip Technology DSPIC30F3010T-20I/SO in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

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	Part#: DSPIC30F3010-30I/SP Description: IC MCU 16BIT 24KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F3010-30I/ML Description: IC MCU 16BIT 24KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F3011-30I/ML Description: IC MCU 16BIT 24KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F3010T-20E/SO Description: IC MCU 16BIT 24KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F3011-20I/P Description: IC MCU 16BIT 24KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC30F3011-20E/PT Description: IC MCU 16BIT 24KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F3010-20E/SP Description: IC MCU 16BIT 24KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F3011-20I/PT Description: IC MCU 16BIT 24KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC30F3010T-20I/SO

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