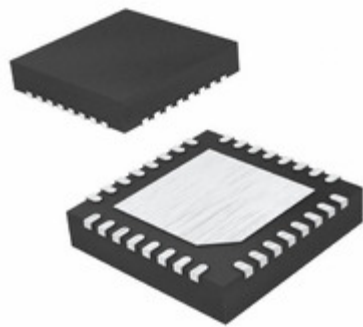


DSPIC30F1010-20E/MM



Images are for reference only.
See Product Specifications for product details.
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Part Number: [DSPIC30F1010-20E/MM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 6KB FLASH 28QFN

Data sheet:  [dsPIC30F1010/202x Datasheet](#)
 [16-bit Embedded Control Solutions](#)
 [dsPIC30F Section 35. Serial Peripheral Interface\(S](#)
 [DSPIC30F Flash Programming Specification](#)
 [dsPIC30F SMPS Flash Prog Spec](#)
 [dsPIC30F1010, 202x Errata & Datasheet](#)

[Clarificatio](#)

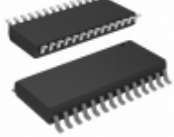
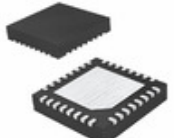
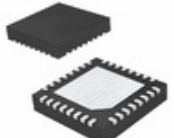
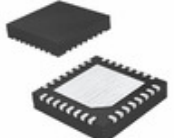
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	DSPIC30F1010-20E/MM	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 6KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20441 pcs	Data sheet	dsPIC30F1010/202x Datasheet 16-bit Embedded Control Solutions dsPIC30F Section 35. Serial Peripheral DSPIC30F Flash Programming Specification dsPIC30F SMPS Flash Prog Spec dsPIC30F1010, 202x Errata & Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Clarificatio 3 V ~ 5.5 V
Supplier Device Package	28-QFN-S (6x6)	Speed	20 MIPS
Series	dsPIC™ 30F	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	6KB (2K x 24)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	28-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 6KB (2K x 24) FLASH 28-QFN-S (6x6)	Data Converters	A/D 6x10b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC30F1010
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	Part#: DSPGT001 Description: DATA STORAGE MODULE 24V	Manufacturers: Red Lion Controls	RFQ
	Part#: DSPIC30F1010-20E/SP Description: IC MCU 16BIT 6KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC30F1010-20E/SO Description: IC MCU 16BIT 6KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPB720DB1E Description: DAUGHTER CARD B VERSION	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSPB721DB2E Description: DAUGHTER CARD B VERSION	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSPB721DB1E Description: DAUGHTER CARD B VERSION	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSPB724DB1E Description: DAUGHTER CARD C VERSION	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSPIC30F1010-20E/MM Description: IC MCU 16BIT 6KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPB724DB1E Description: DAUGHTER CARD C VERSION	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSPB721DB2E Description: DAUGHTER CARD B VERSION	Manufacturers: NXP Semiconductors / Freescale	RFQ

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