

DSPIC30F3010T-20I/ML



Images are for reference only.  
See Product Specifications for product details.  
Buy DSPIC30F3010T-20I/ML with confidence from  
Component-World.HK, 1 Year Warranty



Part Number: DSPIC30F3010T-20I/ML

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 24KB FLASH 44QFN

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

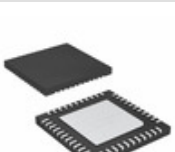
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |                                |                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | DSPIC30F3010T-20I/ML                                          | Manufacturer                   | Micrel / Microchip Technology                                                                                                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 24KB FLASH 44QFN                                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 4072 pcs                                                      | Data sheet                     | DSPIC30F Programmer Reference Errata Sheet<br>dsPIC30F Ref Manual Errata<br>16-bit Embedded Control Solutions<br>DSPIC30F Section35 SPI<br>DSPIC30F Flash Prog. Spec.<br>dsPIC30F3010,3011 Errata & Data Sheet Clarificatio<br>DSPIC30F3010,11 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | Integrated Circuits (ICs)                                     | Voltage - Supply (Vcc/Vdd)     | 2.5 V ~ 5.5 V                                                                                                                                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                      | 44-QFN (8x8)                                                  | 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                                                                                                                                                                                                                                                                                                                                                                                                                               | 44-VQFN Exposed Pad                                           | 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 44-QFN (8x8)                                                                                                                                                           |
| 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 4072 pieces of Micrel / Microchip Technology DSPIC30F3010T-20I/ML in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                               |                                |                                                                                                                                                                                                                                                |

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

Related keywords for DSPIC30F3010T-20I/ML

|                                                    |                                                    |                                           |                                                             |
|----------------------------------------------------|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC30F3010T-20I/ML | DSPIC30F3010T-20I/ML distributor                   | DSPIC30F3010T-20I/ML supplier             | DSPIC30F3010T-20I/ML price                                  |
|                                                    | DSPIC30F3010T-20I/ML download datasheet            | DSPIC30F3010T-20I/ML datasheet            | DSPIC30F3010T-20I/ML stock                                  |
| buy DSPIC30F3010T-20I/ML                           | Micrel / Microchip Technology DSPIC30F3010T-20I/ML | Microchip Technology DSPIC30F3010T-20I/ML | Roving Networks / Microchip Technology DSPIC30F3010T-20I/ML |



RoHS

