



Micrel / Microchip Technology

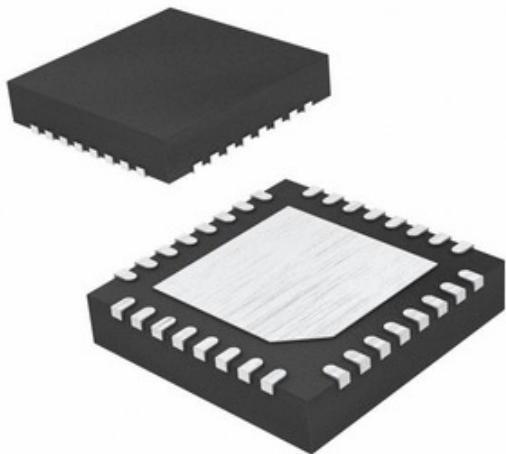


Image may be representation. See specifications for product details.

DSPIC30F1010-30I/MM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC30F1010-30I/MM                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 6KB FLASH 28QFN                                                                                 |
|                     | <a href="#">1.DSPIC30F1010-30I/MM.pdf</a>                                                                    |
|                     | <a href="#">2.DSPIC30F1010-30I/MM.pdf</a>                                                                    |
|                     | <a href="#">3.DSPIC30F1010-30I/MM.pdf</a>                                                                    |
|                     | <a href="#">4.DSPIC30F1010-30I/MM.pdf</a>                                                                    |
|                     | <a href="#">5.DSPIC30F1010-30I/MM.pdf</a>                                                                    |
|                     | <a href="#">6.DSPIC30F1010-30I/MM.pdf</a>                                                                    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 25455 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

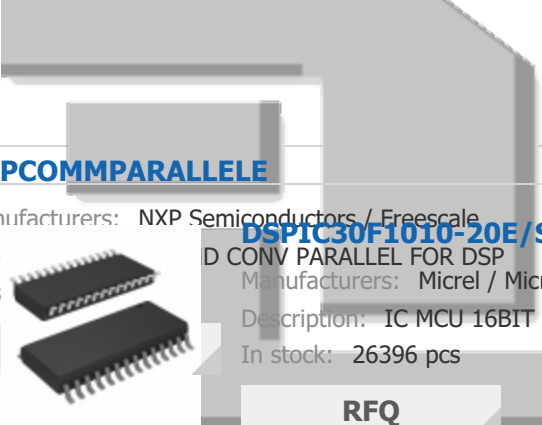
Specifications of DSPIC30F1010-30I/MM

|                                  |                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC30F1010-30I/MM                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 6KB FLASH 28QFN                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 25455 pcs                                                                                                                                                                                                                                                                  |
| DATA SHEET                       | <a href="#">1.DSPIC30F1010-30I/MM.pdf</a><br><a href="#">2.DSPIC30F1010-30I/MM.pdf</a><br><a href="#">3.DSPIC30F1010-30I/MM.pdf</a><br><a href="#">4.DSPIC30F1010-30I/MM.pdf</a><br><a href="#">5.DSPIC30F1010-30I/MM.pdf</a><br><a href="#">6.DSPIC30F1010-30I/MM.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 28-QFN-S (6x6)                                                                                                                                                                                                                                                             |
| SPEED                            | 30 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 ~ 85°C (TA)                                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 21                                                                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 30 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                                                                                                                                                                                                                                                               |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC30F1010-30I/MM | DSPIC30F1010-30I/MM Distributor          | DSPIC30F1010-30I/MM Supplier                               |
| DSPIC30F1010-30I/MM Price                         | DSPIC30F1010-30I/MM Pictures             | DSPIC30F1010-30I/MM Image                                  |
| DSPIC30F1010-30I/MM PDF Datasheet                 | DSPIC30F1010-30I/MM Download Datasheet   | DSPIC30F1010-30I/MM Datasheet                              |
| DSPIC30F1010-30I/MM Stock                         | Buy DSPIC30F1010-30I/MM                  | Buy Micrel / Microchip Technology DSPIC30F1010-30I/MM      |
| Micrel / Microchip Technology DSPIC30F1010-30I/MM | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
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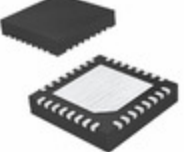
Related Products



**DSPIC30F1010-20E/SO**

Manufacturers: NXP Semiconductors / Freescale  
Description: D CONV PARALLEL FOR DSP  
In stock: 26396 pcs

RFQ



**DSPIC30F1010T-30I/MM**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 6KB FLASH 28QFN  
In stock: 3614 pcs

RFQ



**DSPIC30F1010-30I/SO**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 6KB FLASH 28SOIC  
In stock: 20869 pcs

RFQ



**DSPIC30F1010-30I/SO**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 6KB FLASH 28SOIC  
In stock: 20869 pcs

RFQ



**DSPIC30F2010 DEVELOPMENT KIT**

Manufacturers: Custom Computer Services  
Description: KIT DEV EMBEDDED C  
In stock: 6731 pcs

RFQ



**DSPGT001**

Manufacturers: Red Lion Controls  
Description: DATA STORAGE MODULE 24V  
In stock: 54 pcs

RFQ



**DSPIC30F1010-20E/SP**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 6KB FLASH 28SDIP  
In stock: 26440 pcs

RFQ



**DSPIC30F1010-30I/SP**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 6KB FLASH 28SDIP  
In stock: 24882 pcs

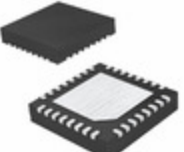
RFQ



**DSPIC30F1010T-30I/SO**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 6KB FLASH 28SOIC  
In stock: 5954 pcs

RFQ



**DSPIC30F2010-20E/MM**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 12KB FLASH 28QFN  
In stock: 22831 pcs

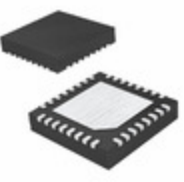
RFQ



**DSPGT000**

Manufacturers: Red Lion Controls  
Description: DATA STORAGE MODULE 24V  
In stock: 72 pcs

RFQ



**DSPIC30F1010-20E/MM**

Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 16BIT 6KB FLASH 28QFN  
In stock: 23347 pcs

RFQ