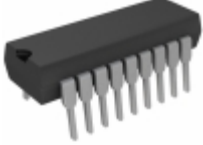
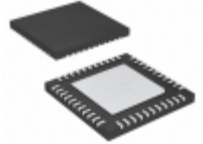


|                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div></div> | <div>DSPIC30F3012-20I/ML</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                          | <div><div>Manufacturer Part Number:</div><div>DSPIC30F3012-20I/ML</div></div> <div><div>Manufacturer/Brand:</div><div>Micrel / Microchip Technology</div></div> <div><div>Part of Description:</div><div>IC MCU 16BIT 24KB FLASH 44QFN</div></div> <div><div>Datasheets:</div><div><div>1.DSPIC30F3012-20I/ML.pdf</div><div>2.DSPIC30F3012-20I/ML.pdf</div><div>3.DSPIC30F3012-20I/ML.pdf</div><div>4.DSPIC30F3012-20I/ML.pdf</div><div>5.DSPIC30F3012-20I/ML.pdf</div></div></div> <div><div>RoHs Status:</div><div>Lead free / RoHS</div></div> <div><div>Stock Condition:</div><div>Compliant<br/>New original, 2629 pcs Stock Available.</div></div> <div><div>Ship From:</div><div>Hong Kong</div></div> <div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div> |
| <div>Image may be representation.<br/>See specs for product details.</div>                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | DSPIC30F3012-20I/ML                                     |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 16BIT 24KB FLASH 44QFN                           |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2629 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 2.5 V ~ 5.5 V                                           |
| Supplier Device Package    | 44-QFN (8x8)                                            |
| Speed                      | 20 MIPS                                                 |
| Series                     | dsPIC™ 30F                                              |
| RAM Size                   | 2K x 8                                                  |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 24KB (8K x 24)                                          |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                   |
| Packaging                  | Tube                                                    |
| Package / Case             | 44-VQFN Exposed Pad                                     |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 12                                                      |
| EEPROM Size                | 1K x 8                                                  |
| Data Converters            | A/D 8x12b                                               |
| Core Size                  | 16-Bit                                                  |
| Core Processor             | dsPIC                                                   |
| Connectivity               | I²C, SPI, UART/USART                                    |
|                            |                                                         |

You May Be Also Be interested

|                                                                                                                                                                                                                               |                                                                                                                                                                                                                  |                                                                                                                                                                                                                   |                                                                                                                                                                                                                     |
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| <div></div> <div><div>DSPIC30F3011T-30I/ML</div><div>Microchip Technology</div><div>IC MCU 16BIT 24KB FLASH 44QFN</div></div>              | <div></div> <div><div>DSPIC30F3012-20I/P</div><div>Microchip Technology</div><div>IC MCU 16BIT 24KB FLASH 18DIP</div></div>   | <div></div> <div><div>DSPIC30F3012-30I/SO</div><div>Microchip Technology</div><div>IC MCU 16BIT 24KB FLASH 18SOIC</div></div> | <div></div> <div><div>DSPIC30F3012-20E/P</div><div>Microchip Technology</div><div>IC MCU 16BIT 24KB FLASH 18DIP</div></div>    |

DSPIC30F3012-20I/ML Related keyword

More

|                                                   |                                  |                                 |                           |                                                      |
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| DSPIC30F3012-20I/ML Micrel / Microchip Technology | DSPIC30F3012-20I/ML Data Sheet   | DSPIC30F3012-20I/ML Datasheets  | DSPIC30F3012-20I/ML PDF   | Micrel / Microchip Technology<br>DSPIC30F3012-20I/ML |
| DSPIC30F3012-20I/ML Electronic                    | DSPIC30F3012-20I/ML Components   | DSPIC30F3012-20I/ML Distributor | DSPIC30F3012-20I/ML Image | DSPIC30F3012-20I/ML Part                             |
| DSPIC30F3012-20I/ML Price                         | DSPIC30F3012-20I/ML Manufacturer | DSPIC30F3012-20I/ML Picture     | DSPIC30F3012-20I/ML Stock | DSPIC30F3012-20I/ML Inventory                        |
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