



Micrel / Microchip Technology

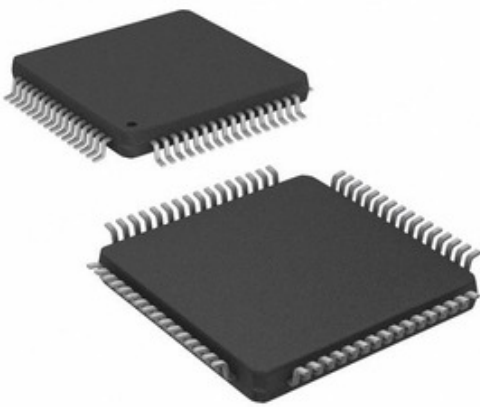


Image may be representation. See specifications for product details.

DSPIC30F6011AT-20I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC30F6011AT-20I/PT                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 132KB FLASH 64TQFP                                                                              |
|                     | <a href="#">PDF</a> 1.DSPIC30F6011AT-20I/PT.pdf                                                              |
|                     | <a href="#">PDF</a> 2.DSPIC30F6011AT-20I/PT.pdf                                                              |
|                     | <a href="#">PDF</a> 3.DSPIC30F6011AT-20I/PT.pdf                                                              |
|                     | <a href="#">PDF</a> 4.DSPIC30F6011AT-20I/PT.pdf                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of DSPIC30F6011AT-20I/PT

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC30F6011AT-20I/PT                                                                                                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 132KB FLASH 64TQFP                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                               |
| DATA SHEET                       | <a href="#">PDF</a> 1.DSPIC30F6011AT-20I/PT.pdf<br><a href="#">PDF</a> 2.DSPIC30F6011AT-20I/PT.pdf<br><a href="#">PDF</a> 3.DSPIC30F6011AT-20I/PT.pdf<br><a href="#">PDF</a> 4.DSPIC30F6011AT-20I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                          |
| SPEED                            | 20 MIPS                                                                                                                                                                                                  |
| SERIES                           | dsPIC™ 30F                                                                                                                                                                                               |
| RAM SIZE                         | 6K x 8                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 132KB (44K x 24)                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                         |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                        |
| NUMBER OF I/O                    | 52                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 Hours)                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                               |
| EEPROM SIZE                      | 2K x 8                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 30F Microcontroller IC 16-Bit 20 MIPS 132KB (44K x 24) FLASH 64-TQFP (10x10)                                                                                                                |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                   |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                    |
| CONNECTIVITY                     | CANbus, I²C, SPI, UART/USART                                                                                                                                                                             |
| BASE PART NUMBER                 | DSPIC30F6011A                                                                                                                                                                                            |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC30F6011AT-20I/PT | DSPIC30F6011AT-20I/PT Distributor          | DSPIC30F6011AT-20I/PT Supplier                               |
| DSPIC30F6011AT-20I/PT Price                         | DSPIC30F6011AT-20I/PT Pictures             | DSPIC30F6011AT-20I/PT Image                                  |
| DSPIC30F6011AT-20I/PT PDF Datasheet                 | DSPIC30F6011AT-20I/PT Download Datasheet   | DSPIC30F6011AT-20I/PT Datasheet                              |
| DSPIC30F6011AT-20I/PT Stock                         | Buy DSPIC30F6011AT-20I/PT                  | Buy Micrel / Microchip Technology DSPIC30F6011AT-20I/PT      |
| Micrel / Microchip Technology DSPIC30F6011AT-20I/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC30F6011AT-20I/PT | Microchip Technology DSPIC30F6011AT-20I/PT | Roving Networks / Microchip Technology DSPIC30F6011AT-20I/PT |

Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                     |
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| <div></div> <div><b>DSPIC30F6011T-20I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC30F6011A-20E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: 80 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>DSPIC30F6011A-20E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC30F6012-20E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 144KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>DSPIC30F6011AT-30I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC30F6011T-20E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC30F6011A-30I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>DSPIC30F6011A-20I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC30F6011A-30I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: 32 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>DSPIC30F6011T-30I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DSPIC30F6011AT-30I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DSPIC30F6011AT-20E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 132KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |