



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ128MC710T-I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 16BIT 128KB FLASH 100TQFP                                                                                |
|                     |  1.DSPIC33FJ128MC710T-I/PT.pdf |
|                     |  2.DSPIC33FJ128MC710T-I/PT.pdf |
|                     |  3.DSPIC33FJ128MC710T-I/PT.pdf |
|                     |  4.DSPIC33FJ128MC710T-I/PT.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 3686 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

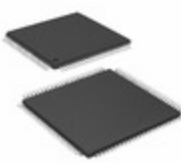
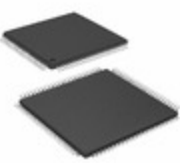
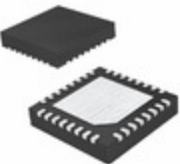
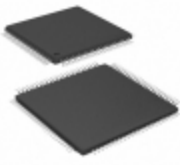
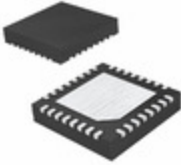
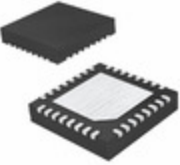
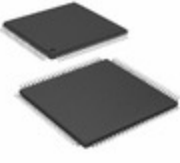
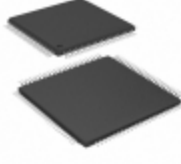
Specifications of DSPIC33FJ128MC710T-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ128MC710T-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 3686 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.DSPIC33FJ128MC710T-I/PT.pdf<br> 2.DSPIC33FJ128MC710T-I/PT.pdf<br> 3.DSPIC33FJ128MC710T-I/PT.pdf<br> 4.DSPIC33FJ128MC710T-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (12x12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SPEED                            | 40 MIPs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT                                                                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 100-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 128KB (128K x 8) FLASH 100-TQFP (12x12)                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA CONVERTERS                  | A/D 24x10b/12b                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | DSPIC33FJ128MC710                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ128MC710T-I/PT | DSPIC33FJ128MC710T-I/PT Distributor          | DSPIC33FJ128MC710T-I/PT Supplier                               |
| DSPIC33FJ128MC710T-I/PT Price                         | DSPIC33FJ128MC710T-I/PT Pictures             | DSPIC33FJ128MC710T-I/PT Image                                  |
| DSPIC33FJ128MC710T-I/PT PDF Datasheet                 | DSPIC33FJ128MC710T-I/PT Download Datasheet   | DSPIC33FJ128MC710T-I/PT Datasheet                              |
| DSPIC33FJ128MC710T-I/PT Stock                         | Buy DSPIC33FJ128MC710T-I/PT                  | Buy Micrel / Microchip Technology DSPIC33FJ128MC710T-I/PT      |
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| Micrel / Microchip Technology DSPIC33FJ128MC710T-I/PT | Microchip Technology DSPIC33FJ128MC710T-I/PT | Roving Networks / Microchip Technology DSPIC33FJ128MC710T-I/PT |

Related Products

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                       |
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|  <div>DSPIC33FJ128MC710AT-I/PF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div> <div>In stock: 16125 pcs</div> <div>RFQ</div> |  <div>DSPIC33FJ128MC710T-I/PF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div> <div>In stock: 5742 pcs</div> <div>RFQ</div>  |
|  <div>DSPIC33FJ128MC802-H/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28SOIC</div> <div>In stock: 14775 pcs</div> <div>RFQ</div>    |  <div>DSPIC33FJ128MC802-H/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28QFN</div> <div>In stock: 14429 pcs</div> <div>RFQ</div>    |
|  <div>DSPIC33FJ128MC802-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28SOIC</div> <div>In stock: 20614 pcs</div> <div>RFQ</div>    |  <div>DSPIC33FJ128MC710A-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div> <div>In stock: 16302 pcs</div> <div>RFQ</div> |
|  <div>DSPIC33FJ128MC802-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28QFN</div> <div>In stock: 18115 pcs</div> <div>RFQ</div>     |  <div>DSPIC33FJ128MC802-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28QFN</div> <div>In stock: 19439 pcs</div> <div>RFQ</div>    |
|  <div>DSPIC33FJ128MC710AT-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div> <div>In stock: 15458 pcs</div> <div>RFQ</div> |  <div>DSPIC33FJ128MC710A-I/PF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div> <div>In stock: 16173 pcs</div> <div>RFQ</div> |
|  <div>DSPIC33FJ128MC710A-H/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 100TQFP</div> <div>In stock: 13608 pcs</div> <div>RFQ</div>  |  <div>DSPIC33FJ128MC802-E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 28SDIP</div> <div>In stock: 16430 pcs</div> <div>RFQ</div>   |