

DSPIC33FJ128MC710-I/PF





Part Number:

DSPIC33FJ128MC710-I/PF

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 128KB FLASH 100TQFP

Data sheet:

16-bit Embedded Control Solutions

dsPIC33FJzzzMC Family Errata

DSPIC33F Product Overview

DSPIC33FJzzzMCx06,x08,x10 Datasheet

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

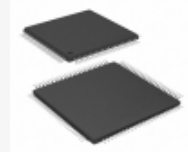
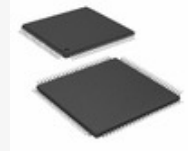
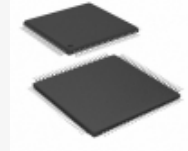
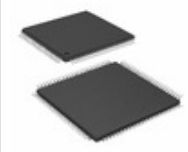
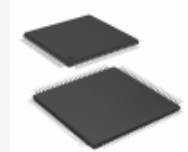
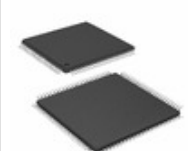
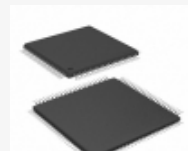
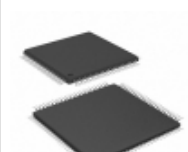
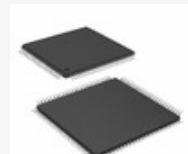
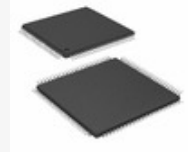
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                    |                                  |                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | DSPIC33FJ128MC710-I/PF                                             | Manufacturer                     | Micrel / Microchip Technology                                                                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 128KB FLASH 100TQFP                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 14405 pcs                                                          | Data sheet                       | <a href="#">16-bit Embedded Control Solutions</a><br><a href="#">dsPIC33FJzzzMC Family Errata</a><br><a href="#">DSPIC33F Product Overview</a><br><a href="#">DSPIC33FJzzzMCx06,x08,x10 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                                                                                                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                         | 100-TQFP (14x14)                                                   | 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                        | Tray                                                                                                                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100-TQFP                                                           | Other Names                      | DSPIC33FJ128MC710IPF                                                                                                                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                 | Internal                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                   | 85                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                 | 15 Weeks                                                           | 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 (14x14)                                                                                                            |
| 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                                                  |                                  |                                                                                                                                                                                                       |
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|  | Part#: <a href="#">DSPIC33FJ128MC708A-I/PT</a><br>Description: IC MCU 16BIT 128KB FLASH 80TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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