

DSPIC33FJ256MC710A-H/PT





Part Number:

DSPIC33FJ256MC710A-H/PT

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 256KB FLASH 100TQFP

Data sheet:

16-bit Embedded Control Solutions

DSPIC33FJzzzMCX06/8/10A

dsPIC33FJ256MCzzzA Family Errata & DataSheet Clari

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

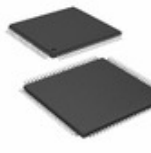
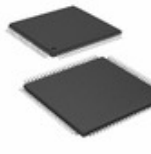
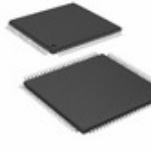
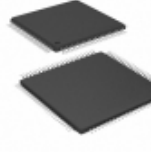
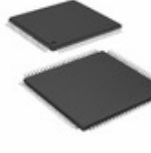
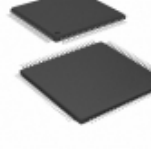
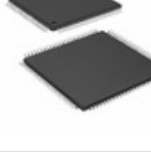
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                    |                                  |                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | DSPIC33FJ256MC710A-H/PT                                            | Manufacturer                     | Micrel / Microchip Technology                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT 256KB FLASH 100TQFP                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 11398 pcs                                                          | Data sheet                       | <a href="#">16-bit Embedded Control Solutions</a><br><a href="#">DSPIC33FJzzzMCX06/8/10A</a><br><a href="#">dsPIC33FJ256MCzzzA Family Errata &amp; DataSheet Clari</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                                                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                          | 100-TQFP (12x12)                                                   | Speed                            | 20 MIPS                                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                           | dsPIC™ 33F                                                         | RAM Size                         | 30K x 8                                                                                                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                                              | Program Memory Size              | 256KB (256K x 8)                                                                                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT | Packaging                        | Tray                                                                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-TQFP                                                           | Other Names                      | DSPIC33FJ256MC710AHPT                                                                                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                  | Internal                                                           | Operating Temperature            | -40°C ~ 150°C (TA)                                                                                                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                    | 85                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                  | 14 Weeks                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                             |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                  | Detailed Description             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 20 MIPS 256KB (256K 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                                                                                                                                                                                                                                                                                                                                                                                                                                 | DSPIC33FJ256MC710A                                                 |                                  |                                                                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                                  |                                                              |                |
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|  | Part#: <a href="#">DSPIC33FJ32GP101-E/SS</a><br>Description: IC MCU 16BIT 32KB FLASH 28SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ32GP101-E/SO</a><br>Description: IC MCU 16BIT 32KB FLASH 18SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ32GP101-E/P</a><br>Description: IC MCU 16BIT 32KB FLASH 18DIP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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