

DSPIC33FJ64GP710A-I/PF





Part Number:

DSPIC33FJ64GP710A-I/PF

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 64KB FLASH 100TQFP

Data sheet:

 [dsPIC33FJ\(64,128\)GPz\(06,08,10\)A Errata & Datasheet](#)

 [16-bit Embedded Control Solutions](#)

 [DSPIC33FJyyyGPY06/08/10A](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

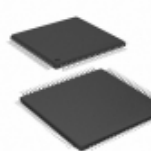
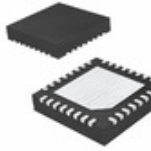
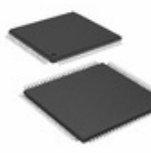
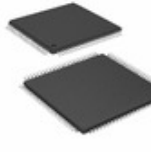
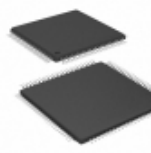
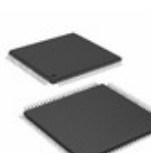
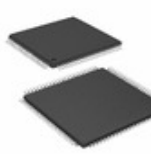
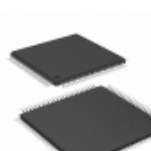
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        |                                  |                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DSPIC33FJ64GP710A-I/PF                                 | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 64KB FLASH 100TQFP                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 14376 pcs                                              | Data sheet                       | <a href="#">dsPIC33FJ(64,128)GPz(06,08,10)A Errata &amp; Datasheet</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">DSPIC33FJyyyGPY06/08/10A</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              | 64KB (64K x 8)                                                                                                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | AC'97, Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT | Packaging                        | Tray                                                                                                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100-TQFP                                               | Other Names                      | DSPIC33FJ64GP710AIPF                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12 Weeks                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                              |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                      | Detailed Description             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 64KB (64K x 8) FLASH 100-TQFP (14x14)                                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 32x10b/12b                                         | Core Size                        | 16-Bit                                                                                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dsPIC                                                  | Connectivity                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DSPIC33FJ64GP710A                                      |                                  |                                                                                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
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|  | Part#: <a href="#">DSPIC33FJ64GP802-H/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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