

DSPIC33FJ256GP710A-E/PF





Part Number: [DSPIC33FJ256GP710A-E/PF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 100TQFP

Data sheet:  [16-bit Embedded Control Solutions](#)  
 [DSPIC33FJyyyGPy06/08/10A](#)

RoHs Status: Lead free / RoHS Compliant

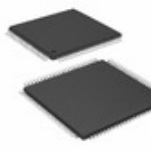
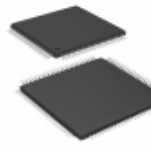
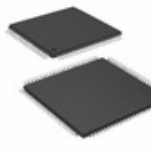
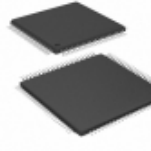
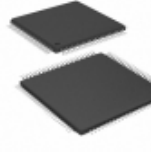
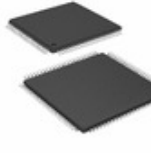
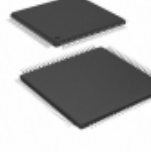
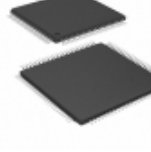
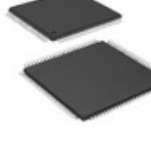
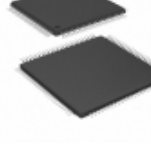
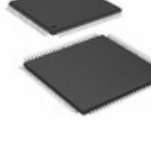
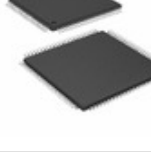
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                            |                                 |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DSPIC33FJ256GP710A-E/PF                                                                    | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 256KB FLASH 100TQFP                                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13971 pcs                                                                                  | Data sheet                      | <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                        | 30K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                                                                      | Program Memory Size             | 256KB (256K x 8)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AC'97, Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                     | Packaging                       | Tray                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100-TQFP                                                                                   | Oscillator Type                 | Internal                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 125°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 40 MIPs 256KB (256K 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                | DSPIC33FJ256GP710A                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                                  |                                                              |                |
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