

DSPIC33CK64MP502-I/SS





Part Number:

DSPIC33CK64MP502-I/SS

Manufacturer:

Micrel / Microchip Technology

Description:

16 BIT DSC, 64KB FLASH, 8KB RAM,

Data sheet:

RoHs Status:

Ship From:

Hong Kong

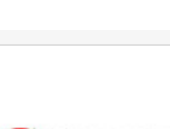
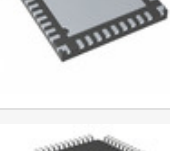
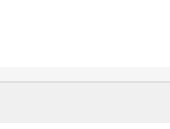
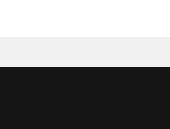
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |                                 |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | DSPIC33CK64MP502-I/SS                                              | Manufacturer                    | Micrel / Microchip Technology                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16 BIT DSC, 64KB FLASH, 8KB RAM,                                   | Lead Free Status / RoHS Status  |                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 33709 pcs                                                          | Data sheet                      |                                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Circuits (ICs)                                          | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 3.6 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                        | 28-SSOP                                                            | Speed                           | 100MHz                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                         | dsPIC™ 33CK                                                        | RAM Size                        | 8K x 8                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                                              | Program Memory Size             | 64KB (64K x 8)                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT | Packaging                       | Tube                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                 | 28-SSOP (0.209", 5.30mm Width)                                     | Oscillator Type                 | Internal                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                  | Number of I/O                   | 21                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                               | 2 (1 Year)                                                         | Manufacturer Standard Lead Time | 18 Weeks                                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                  | Detailed Description            | dsPIC dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 64KB (64K x 8) FLASH 28-SSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 12x12b, D/A 3x12b                                              | Core Size                       | 16-Bit                                                                          |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                 | dsPIC                                                              | Connectivity                    | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 33709 pieces of Micrel / Microchip Technology DSPIC33CK64MP502-I/SS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                    |                                 |                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
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|  | Part#: <a href="#">DSPIC33CK64MP206-I/PT</a><br>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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