



DSPIC33CK64MP508-I/PT

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | DSPIC33CK64MP508-I/PT            |
| Manufacturer/Brand: | Micrel / Microchip Technology    |
| Product description | 16 BIT DSC, 64KB FLASH, 8KB RAM, |
| Datasheets:         |                                  |
| Stock Condition     | 21503 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

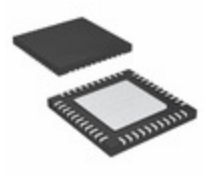
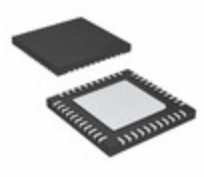
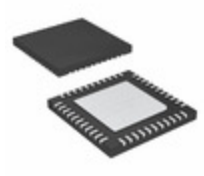
Specifications of DSPIC33CK64MP508-I/PT

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CK64MP508-I/PT                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                           |
| DESCRIPTION                      | 16 BIT DSC, 64KB FLASH, 8KB RAM,                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                         |
| QUANTITY AVAILABLE               | 21503 pcs                                                                               |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                             |
| SUPPLIER DEVICE PACKAGE          | 80-TQFP (12x12)                                                                         |
| 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                        | Tray                                                                                    |
| PACKAGE / CASE                   | 80-TQFP                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF I/O                    | 69                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| EEPROM SIZE                      | -                                                                                       |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 64KB (64K x 8) FLASH 80-TQFP (12x12) |
| DATA CONVERTERS                  | A/D 24x12b, D/A 3x12b                                                                   |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | dsPIC                                                                                   |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                              |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CK64MP508-I/PT | DSPIC33CK64MP508-I/PT Distributor          | DSPIC33CK64MP508-I/PT Supplier                               |
| DSPIC33CK64MP508-I/PT Price                         | DSPIC33CK64MP508-I/PT Pictures             | DSPIC33CK64MP508-I/PT Image                                  |
| DSPIC33CK64MP508-I/PT PDF Datasheet                 | DSPIC33CK64MP508-I/PT Download Datasheet   | DSPIC33CK64MP508-I/PT Datasheet                              |
| DSPIC33CK64MP508-I/PT Stock                         | Buy DSPIC33CK64MP508-I/PT                  | Buy Micrel / Microchip Technology DSPIC33CK64MP508-I/PT      |
| Micrel / Microchip Technology DSPIC33CK64MP508-I/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33CK64MP508-I/PT | Microchip Technology DSPIC33CK64MP508-I/PT | Roving Networks / Microchip Technology DSPIC33CK64MP508-I/PT |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>DSPIC33CK64MP506-I/MR</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: 23134 pcs</div><div>RFQ</div></div>  | <div><div>DSPIC33CK64MP508T-I/PT</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: 26262 pcs</div><div>RFQ</div></div> |
| <div><div>DSPIC33CK64MP506-I/PT</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: 21234 pcs</div><div>RFQ</div></div>  | <div><div>DSPIC33EP128GM304-E/PT</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 18393 pcs</div><div>RFQ</div></div>  |
| <div><div>DSPIC33CK64MP506-E/PT</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: 19053 pcs</div><div>RFQ</div></div>  | <div><div>DSPIC33CK64MP508-E/PT</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: 20000 pcs</div><div>RFQ</div></div>  |
| <div><div>DSPIC33EP128GM304-E/ML</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: 18239 pcs</div><div>RFQ</div></div>   | <div><div>DSPIC33EP128GM304-H/ML</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: 3821 pcs</div><div>RFQ</div></div>    |
| <div><div>DSPIC33CK64MP506T-I/PT</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: 21374 pcs</div><div>RFQ</div></div> | <div><div>DSPIC33CK64MP506T-I/MR</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: 31319 pcs</div><div>RFQ</div></div> |
| <div><div>DSPIC33EP128GM304-I/ML</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44QFN<br/>In stock: 15988 pcs</div><div>RFQ</div></div>   | <div><div>DSPIC33EP128GM304-H/PT</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 2791 pcs</div><div>RFQ</div></div>   |