

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33CK64MP506-E/PT

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | DSPIC33CK64MP506-E/PT            |
| Manufacturer/Brand: | Micrel / Microchip Technology    |
| Product description | 16 BIT DSC, 64KB FLASH, 8KB RAM, |
| Datasheets:         |                                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

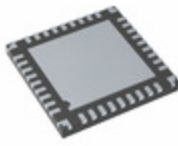
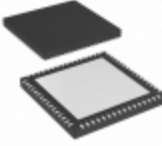
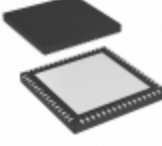
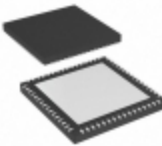
Specifications of DSPIC33CK64MP506-E/PT

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33CK64MP506-E/PT                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                 |
| DESCRIPTION                      | 16 BIT DSC, 64KB FLASH, 8KB RAM,                                                                              |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                               |
| DATA SHEET                       |                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                               |
| SPEED                            | 100MHz                                                                                                        |
| SERIES                           | Automotive, AEC-Q100, 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                   | 64-TQFP                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                            |
| NUMBER OF I/O                    | 53                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                                                      |
| EEPROM SIZE                      | -                                                                                                             |
| DETAILED DESCRIPTION             | dsPIC Automotive, AEC-Q100, dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 64KB (64K x 8) FLASH 64-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 20x12b, D/A 3x12b                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                        |
| CORE PROCESSOR                   | dsPIC                                                                                                         |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                    |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33CK64MP506-E/PT | DSPIC33CK64MP506-E/PT Distributor          | DSPIC33CK64MP506-E/PT Supplier                               |
| DSPIC33CK64MP506-E/PT Price                         | DSPIC33CK64MP506-E/PT Pictures             | DSPIC33CK64MP506-E/PT Image                                  |
| DSPIC33CK64MP506-E/PT PDF Datasheet                 | DSPIC33CK64MP506-E/PT Download Datasheet   | DSPIC33CK64MP506-E/PT Datasheet                              |
| DSPIC33CK64MP506-E/PT Stock                         | Buy DSPIC33CK64MP506-E/PT                  | Buy Micrel / Microchip Technology DSPIC33CK64MP506-E/PT      |
| Micrel / Microchip Technology DSPIC33CK64MP506-E/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33CK64MP506-E/PT | Microchip Technology DSPIC33CK64MP506-E/PT | Roving Networks / Microchip Technology DSPIC33CK64MP506-E/PT |

Related Products

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|  <p><b>DSPIC33CK64MP503T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>DSPIC33CK64MP505-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>DSPIC33CK64MP506-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>DSPIC33CK64MP505T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>DSPIC33CK64MP508-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>DSPIC33CK64MP505-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>DSPIC33CK64MP506-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>DSPIC33CK64MP503-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16 BIT DSC, 64KB FLASH, 8KB RAM,<br/>In stock: Out stock</p> <p>RFQ</p>  |
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