



Micrel / Microchip Technology



PIC24HJ64GP506A-E/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24HJ64GP506A-E/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 64KB FLASH 64TQFP                                                                               |
|                     |  1.PIC24HJ64GP506A-E/PT.pdf |
|                     |  2.PIC24HJ64GP506A-E/PT.pdf |
|                     |  3.PIC24HJ64GP506A-E/PT.pdf |
|                     |  4.PIC24HJ64GP506A-E/PT.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19152 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

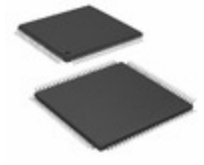
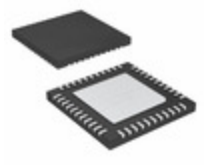
Specifications of PIC24HJ64GP506A-E/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24HJ64GP506A-E/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 19152 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.PIC24HJ64GP506A-E/PT.pdf<br> 2.PIC24HJ64GP506A-E/PT.pdf<br> 3.PIC24HJ64GP506A-E/PT.pdf<br> 4.PIC24HJ64GP506A-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SPEED                            | 40 MIPS                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | PIC® 24H                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 64KB (22K x 24)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® 24H Microcontroller IC 16-Bit 40 MIPS 64KB (22K x 24) FLASH 64-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA CONVERTERS                  | A/D 18x10b/12b                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC24HJ64GP506A                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology PIC24HJ64GP506A-E/PT | PIC24HJ64GP506A-E/PT Distributor          | PIC24HJ64GP506A-E/PT Supplier                               |
| PIC24HJ64GP506A-E/PT Price                         | PIC24HJ64GP506A-E/PT Pictures             | PIC24HJ64GP506A-E/PT Image                                  |
| PIC24HJ64GP506A-E/PT PDF Datasheet                 | PIC24HJ64GP506A-E/PT Download Datasheet   | PIC24HJ64GP506A-E/PT Datasheet                              |
| PIC24HJ64GP506A-E/PT Stock                         | Buy PIC24HJ64GP506A-E/PT                  | Buy Micrel / Microchip Technology PIC24HJ64GP506A-E/PT      |
| Micrel / Microchip Technology PIC24HJ64GP506A-E/PT | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC24HJ64GP506A-E/PT | Microchip Technology PIC24HJ64GP506A-E/PT | Roving Networks / Microchip Technology PIC24HJ64GP506A-E/PT |

Related Products

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|  <div><b>PIC24HJ64GP506A-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 20341 pcs</div> <div>RFQ</div>  |  <div><b>PIC24HJ64GP506-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 6943 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC24HJ64GP510-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 100TQFP<br/>In stock: 15508 pcs</div> <div>RFQ</div>  |  <div><b>PIC24HJ64GP504T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: 21059 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC24HJ64GP506A-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: 20445 pcs</div> <div>RFQ</div>   |  <div><b>PIC24HJ64GP504T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: 23173 pcs</div> <div>RFQ</div> |
|  <div><b>PIC24HJ64GP506T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 19239 pcs</div> <div>RFQ</div>  |  <div><b>PIC24HJ64GP506-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 16911 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC24HJ64GP506A-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: 22022 pcs</div> <div>RFQ</div>   |  <div><b>PIC24HJ64GP506AT-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64QFN<br/>In stock: 23855 pcs</div> <div>RFQ</div> |
|  <div><b>PIC24HJ64GP506AT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 64TQFP<br/>In stock: 20796 pcs</div> <div>RFQ</div> |  <div><b>PIC24HJ64GP504-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: 21229 pcs</div> <div>RFQ</div>  |