



Micrel / Microchip Technology



PIC24HJ128GP306AT-I/MR

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24HJ128GP306AT-I/MR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product description | IC MCU 16BIT 128KB FLASH 64QFN<br> 1.PIC24HJ128GP306AT-I/MR.pdf<br> 2.PIC24HJ128GP306AT-I/MR.pdf<br> 3.PIC24HJ128GP306AT-I/MR.pdf<br> 4.PIC24HJ128GP306AT-I/MR.pdf |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                           |
| Stock Condition     | 22270 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

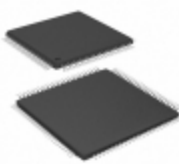
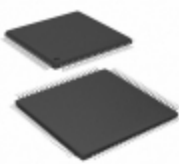
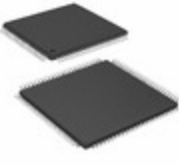
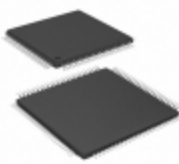
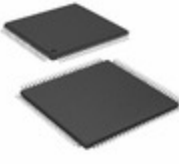
Specifications of PIC24HJ128GP306AT-I/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24HJ128GP306AT-I/MR                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 64QFN                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 22270 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC24HJ128GP306AT-I/MR.pdf<br> 2.PIC24HJ128GP306AT-I/MR.pdf<br> 3.PIC24HJ128GP306AT-I/MR.pdf<br> 4.PIC24HJ128GP306AT-I/MR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SPEED                            | 40 MIPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | PIC® 24H                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 128KB (43K x 24)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | PIC PIC® 24H Microcontroller IC 16-Bit 40 MIPS 128KB (43K x 24) FLASH 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | A/D 18x10b/12b                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC24HJ128GP306A                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC24HJ128GP306AT-I/MR | PIC24HJ128GP306AT-I/MR Distributor          | PIC24HJ128GP306AT-I/MR Supplier                               |
| PIC24HJ128GP306AT-I/MR Price                         | PIC24HJ128GP306AT-I/MR Pictures             | PIC24HJ128GP306AT-I/MR Image                                  |
| PIC24HJ128GP306AT-I/MR PDF Datasheet                 | PIC24HJ128GP306AT-I/MR Download Datasheet   | PIC24HJ128GP306AT-I/MR Datasheet                              |
| PIC24HJ128GP306AT-I/MR Stock                         | Buy PIC24HJ128GP306AT-I/MR                  | Buy Micrel / Microchip Technology PIC24HJ128GP306AT-I/MR      |
| Micrel / Microchip Technology PIC24HJ128GP306AT-I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC24HJ128GP306AT-I/MR | Microchip Technology PIC24HJ128GP306AT-I/MR | Roving Networks / Microchip Technology PIC24HJ128GP306AT-I/MR |

Related Products

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|  <div><b>PIC24HJ128GP310-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 14209 pcs<br/>RFQ</div>  |  <div><b>PIC24HJ128GP310A-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 19843 pcs<br/>RFQ</div> |
|  <div><b>PIC24HJ128GP306A-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64QFN<br/>In stock: 18062 pcs<br/>RFQ</div>   |  <div><b>PIC24HJ128GP306A-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 16858 pcs<br/>RFQ</div>  |
|  <div><b>PIC24HJ128GP306-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 17650 pcs<br/>RFQ</div>   |  <div><b>PIC24HJ128GP310-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 12654 pcs<br/>RFQ</div>  |
|  <div><b>PIC24HJ128GP210T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 4024 pcs<br/>RFQ</div>  |  <div><b>PIC24HJ128GP306A-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64QFN<br/>In stock: 20224 pcs<br/>RFQ</div>   |
|  <div><b>PIC24HJ128GP310A-E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 100TQFP<br/>In stock: 18409 pcs<br/>RFQ</div> |  <div><b>PIC24HJ128GP306A-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 19429 pcs<br/>RFQ</div>  |
|  <div><b>PIC24HJ128GP306AT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 15747 pcs<br/>RFQ</div> |  <div><b>PIC24HJ128GP306T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 4934 pcs<br/>RFQ</div>   |