

PIC24HJ128GP306A-I/PT



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Part Number: [PIC24HJ128GP306A-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 128KB FLASH 64TQFP

Data sheet:  
 [PIC24HJ64GPx\(06,08,10\)A,PIC24HJ128GPx\(06,08,10\)A E](#)  
 [DSPIC33F, PIC24H Flash Programming Specification](#)  
 [16-bit Embedded Control Solutions](#)  
 [PIC24HJyyyGP06/08/10A](#)

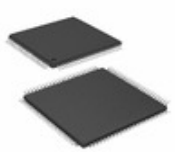
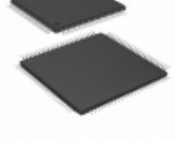
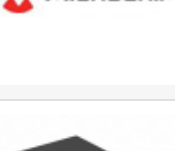
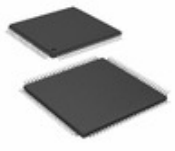
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                            |                                  |                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC24HJ128GP306A-I/PT                      | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 128KB FLASH 64TQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18593 pcs                                  | Data sheet                       | <a href="#">PIC24HJ64GPx(06,08,10)A,PIC24HJ128GPx(06,08,10)A E</a><br><a href="#">DSPIC33F, PIC24H Flash Programming Specification</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">PIC24HJyyyGP06/08/10A</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                                                                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 64-TQFP (10x10)                            | 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                        | Tray                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 64-TQFP                                    | Other Names                      | PIC24HJ128GP306AIPT                                                                                                                                                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 53                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12 Weeks                                   | 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-TQFP (10x10)                                                                                                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 18x10b/12b                             | Core Size                        | 16-Bit                                                                                                                                                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC                                        | Connectivity                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC24HJ128GP306A                           |                                  |                                                                                                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
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