

PIC24HJ64GP210A-I/PF



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Part Number: [PIC24HJ64GP210A-I/PF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 100TQFP

Data sheet:  
 [PIC24HJ64GPx\(06,08,10\)A,PIC24HJ128GPx\(06,08,10\)A E](#)  
 [DSPIC33F, PIC24H Flash Programming Specification](#)  
 [16-bit Embedded Control Solutions](#)  
 [PIC24HJyyyGPy06/08/10A](#)

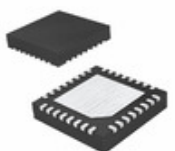
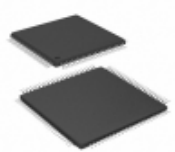
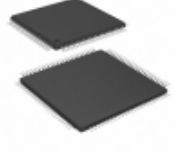
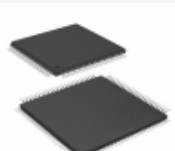
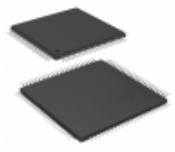
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |                                 |                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC24HJ64GP210A-I/PF                                                                  | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 64KB FLASH 100TQFP                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20430 pcs                                                                             | Data sheet                      | <a href="#">PIC24HJ64GPx(06,08,10)A,PIC24HJ128GPx(06,08,10)A BSPIC33F, PIC24H Flash Programming Specification</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">PIC24HJyyyGPy06/08/10A</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 3.6 V                                                                                                                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100-TQFP (14x14)                                                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100-TQFP                                                                              | Oscillator Type                 | Internal                                                                                                                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 85°C (TA)                                                                     | Number of I/O                   | 85                                                                                                                                                                                                               |
| 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 64KB (22K x 24) FLASH 100-TQFP (14x14) | Data Converters                 | A/D 32x10b/12b                                                                                                                                                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-Bit                                                                                | Core Processor                  | PIC                                                                                                                                                                                                              |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                       | Base Part Number                | PIC24HJ64GP210A                                                                                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">PIC24HJ64GP502-E/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP206AT-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP210T-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP210AT-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24HJ64GP210T-I/PF</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP210-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24HJ64GP210A-E/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24HJ64GP502-E/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC24HJ64GP210A-I/PF

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| I/PF                     | Micrel / Microchip Technology PIC24HJ64GP210A-I/PF distributor | PIC24HJ64GP210A-I/PF supplier             | PIC24HJ64GP210A-I/PF price                                     |
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