

MICROCHIP

Micrel / Microchip Technology



PIC24F32KA304-E/MV

|                     |                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24F32KA304-E/MV                                                                                                                                                                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                  |
| Product description | IC MCU 16BIT 32KB FLASH 48UQFN <div> 1.PIC24F32KA304-E/MV.pdf<div> 2.PIC24F32KA304-E/MV.pdf<div> 3.PIC24F32KA304-E/MV.pdf</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                   |
| Stock Condition     | 25292 pcs stock                                                                                                                                                                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                          |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

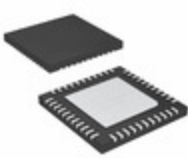
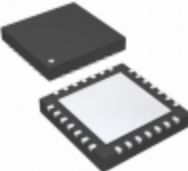
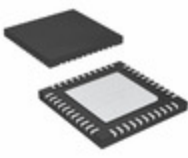
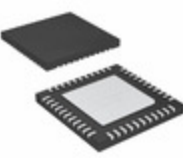
Specifications of PIC24F32KA304-E/MV

|                                  |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24F32KA304-E/MV                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 48UQFN                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 25292 pcs                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       | <div> 1.PIC24F32KA304-E/MV.pdf<div> 2.PIC24F32KA304-E/MV.pdf<div> 3.PIC24F32KA304-E/MV.pdf</div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-UQFN (6x6)                                                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                                                 |
| SERIES                           | PIC® XLP™ 24F                                                                                                                                                                                                                                                                                                                                                         |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                 |
| PROGRAM MEMORY SIZE              | 32KB (11K x 24)                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                           |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 39                                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                            |
| EEPROM SIZE                      | 512 x 8                                                                                                                                                                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 24F Microcontroller IC 16-Bit 32MHz 32KB (11K x 24) FLASH 48-UQFN (6x6)                                                                                                                                                                                                                                                                                 |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                   |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | PIC24F32KA304                                                                                                                                                                                                                                                                                                                                                         |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC24F32KA304-E/MV | PIC24F32KA304-E/MV Distributor          | PIC24F32KA304-E/MV Supplier                               |
| PIC24F32KA304-E/MV Price                         | PIC24F32KA304-E/MV Pictures             | PIC24F32KA304-E/MV Image                                  |
| PIC24F32KA304-E/MV PDF Datasheet                 | PIC24F32KA304-E/MV Download Datasheet   | PIC24F32KA304-E/MV Datasheet                              |
| PIC24F32KA304-E/MV Stock                         | Buy PIC24F32KA304-E/MV                  | Buy Micrel / Microchip Technology PIC24F32KA304-E/MV      |
| Micrel / Microchip Technology PIC24F32KA304-E/MV | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC24F32KA304-E/MV | Microchip Technology PIC24F32KA304-E/MV | Roving Networks / Microchip Technology PIC24F32KA304-E/MV |

Related Products

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| <div>MICROCHIP</div> <div><b>PIC24F32KA304-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 48UQFN<br/>In stock: 26541 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC24F32KA304-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 25952 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>PIC24F32KA304-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 24629 pcs</div> <div>RFQ</div>           | <div></div> <div><b>PIC24F32KA302T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SOIC<br/>In stock: 33243 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>PIC24F32KA302T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28QFN<br/>In stock: 36170 pcs</div> <div>RFQ</div>          | <div></div> <div><b>PIC24F32KA302T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 31435 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>PIC24F32KA304-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 30861 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>PIC24F32KA304T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 48UQFN<br/>In stock: 30569 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC24F32KA304-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44TQFP<br/>In stock: 27012 pcs</div> <div>RFQ</div>          | <div></div> <div><b>PIC24F32KA304T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 44QFN<br/>In stock: 35491 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div><b>PIC24F32KA302-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SDIP<br/>In stock: 32017 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC24F32KA302-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 32KB FLASH 28SSOP<br/>In stock: 33736 pcs</div> <div>RFQ</div>           |