



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F45K20-E/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F45K20-E/PT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 44TQFP                                                                                |
|                     | <a href="#">1.PIC18F45K20-E/PT.pdf</a>                                                                       |
|                     | <a href="#">2.PIC18F45K20-E/PT.pdf</a>                                                                       |
|                     | <a href="#">3.PIC18F45K20-E/PT.pdf</a>                                                                       |
|                     | <a href="#">4.PIC18F45K20-E/PT.pdf</a>                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

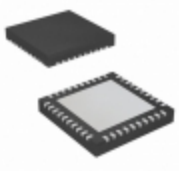
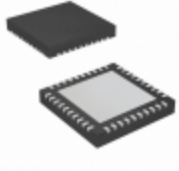
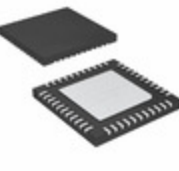
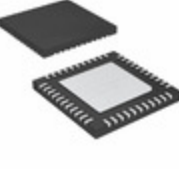
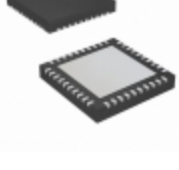
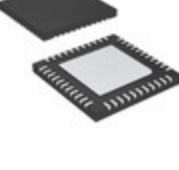
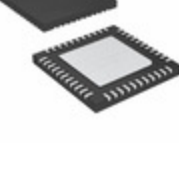
Specifications of PIC18F45K20-E/PT

|                                  |                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F45K20-E/PT                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44TQFP                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                           |
| DATA SHEET                       | <a href="#">1.PIC18F45K20-E/PT.pdf</a><br><a href="#">2.PIC18F45K20-E/PT.pdf</a><br><a href="#">3.PIC18F45K20-E/PT.pdf</a><br><a href="#">4.PIC18F45K20-E/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                      |
| SPEED                            | 48MHz                                                                                                                                                                |
| SERIES                           | PIC® XLP™ 18K                                                                                                                                                        |
| RAM SIZE                         | 1.5K x 8                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                 |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                              |
| OTHER NAMES                      | PIC18F45K20EPT                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                   |
| NUMBER OF I/O                    | 35                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                           |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                              |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 48MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)                                                                               |
| DATA CONVERTERS                  | A/D 14x10b                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                 |
| BASE PART NUMBER                 | PIC18F45K20                                                                                                                                                          |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18F45K20-E/PT | PIC18F45K20-E/PT Distributor           | PIC18F45K20-E/PT Supplier                               |
| PIC18F45K20-E/PT Price                         | PIC18F45K20-E/PT Pictures              | PIC18F45K20-E/PT Image                                  |
| PIC18F45K20-E/PT PDF Datasheet                 | PIC18F45K20-E/PT Download Datasheet    | PIC18F45K20-E/PT Datasheet                              |
| PIC18F45K20-E/PT Stock                         | Buy PIC18F45K20-E/PT                   | Buy Micrel / Microchip Technology PIC18F45K20-E/PT      |
| Micrel / Microchip Technology PIC18F45K20-E/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F45K20-E/PT | Microchip Technology PIC18F45K20-E/PT  | Roving Networks / Microchip Technology PIC18F45K20-E/PT |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC18F45K20-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 107 pcs<br/><b>RFQ</b></div>      |  <div><b>PIC18F45K20-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: 13 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC18F45K20T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC18F45J50T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC18F45K20-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC18F45K20-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC18F45J50-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 362 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC18F45K20-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>PIC18F45K20-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC18F45K20T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC18F45J50T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC18F45K20-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 483 pcs<br/><b>RFQ</b></div>    |