

MICROCHIP

Micrel / Microchip Technology



PIC18F45K40-E/P

Part Number:  
Manufacturer/Brand:  
Product description

PIC18F45K40-E/P  
Micrel / Microchip Technology  
IC MCU 8BIT 32KB FLASH 40DIP

Datasheets:

 1.PIC18F45K40-E/P.pdf  
 2.PIC18F45K40-E/P.pdf  
 3.PIC18F45K40-E/P.pdf

RoHs Status  
Stock Condition  
Ship From  
Shipment Way

 Lead free / RoHS Compliant  
57389 pcs stock  
Hong Kong  
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

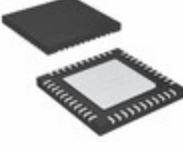
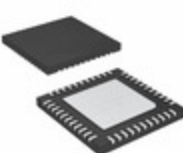
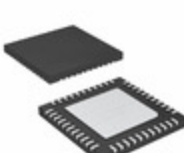
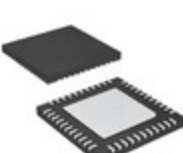
Specifications of PIC18F45K40-E/P

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F45K40-E/P                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40DIP                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 57389 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC18F45K40-E/P.pdf<br> 2.PIC18F45K40-E/P.pdf<br> 3.PIC18F45K40-E/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 64MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 18K                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                                                                                                                                                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 40-PDIP                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 35x10b, D/A 1x5b                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18F45K40-E/P | PIC18F45K40-E/P Distributor            | PIC18F45K40-E/P Supplier                               |
| PIC18F45K40-E/P Price                         | PIC18F45K40-E/P Pictures               | PIC18F45K40-E/P Image                                  |
| PIC18F45K40-E/P PDF Datasheet                 | PIC18F45K40-E/P Download Datasheet     | PIC18F45K40-E/P Datasheet                              |
| PIC18F45K40-E/P Stock                         | Buy PIC18F45K40-E/P                    | Buy Micrel / Microchip Technology PIC18F45K40-E/P      |
| Micrel / Microchip Technology PIC18F45K40-E/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F45K40-E/P | Microchip Technology PIC18F45K40-E/P   | Roving Networks / Microchip Technology PIC18F45K40-E/P |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                 |
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| <div>MICROCHIP</div> <div><b>PIC18F45K40-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: 61083 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC18F45K40-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 49953 pcs</div> <div>RFQ</div>        |
| <div>MICROCHIP</div> <div><b>PIC18F45K40-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: 55016 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>PIC18F45K40-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 50752 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>PIC18F45K22T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: 39451 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC18F45K40-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 64300 pcs</div> <div>RFQ</div>         |
| <div></div> <div><b>PIC18F45K22-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 38919 pcs</div> <div>RFQ</div>           | <div></div> <div><b>PIC18F45K22T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 46258 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>PIC18F45K40-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 52963 pcs</div> <div>RFQ</div>           | <div></div> <div><b>PIC18F45K22T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 34806 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>PIC18F45K40T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 65911 pcs</div> <div>RFQ</div>           | <div></div> <div><b>PIC18F45K40-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 68785 pcs</div> <div>RFQ</div>         |