

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16HV785-E/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16HV785-E/P                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 20DIP                                                                                |
|                     |  1.PIC16HV785-E/P.pdf       |
|                     |  2.PIC16HV785-E/P.pdf       |
|                     |  3.PIC16HV785-E/P.pdf       |
|                     |  4.PIC16HV785-E/P.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 49662 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

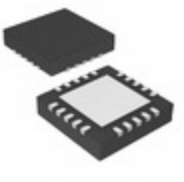
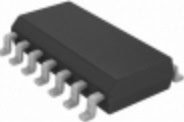
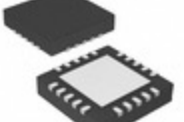
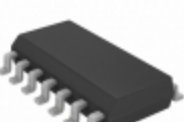
Specifications of PIC16HV785-E/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16HV785-E/P                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 20DIP                                                                                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 49662 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC16HV785-E/P.pdf<br> 2.PIC16HV785-E/P.pdf<br> 3.PIC16HV785-E/P.pdf<br> 4.PIC16HV785-E/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 20-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 128 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 20-DIP (0.300" , 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 17                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 20-PDIP                                                                                                                                                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | A/D 14x10b                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC16HV785                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16HV785-E/P | PIC16HV785-E/P Distributor             | PIC16HV785-E/P Supplier                               |
| PIC16HV785-E/P Price                         | PIC16HV785-E/P Pictures                | PIC16HV785-E/P Image                                  |
| PIC16HV785-E/P PDF Datasheet                 | PIC16HV785-E/P Download Datasheet      | PIC16HV785-E/P Datasheet                              |
| PIC16HV785-E/P Stock                         | Buy PIC16HV785-E/P                     | Buy Micrel / Microchip Technology PIC16HV785-E/P      |
| Micrel / Microchip Technology PIC16HV785-E/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16HV785-E/P | Microchip Technology PIC16HV785-E/P    | Roving Networks / Microchip Technology PIC16HV785-E/P |

Related Products

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|  <div><b>PIC16HV785-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20SOIC<br/>In stock: 60148 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16HV785-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20QFN<br/>In stock: 49797 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC16HV753T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 110316 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16HV785-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20QFN<br/>In stock: 51696 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC16HV753T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: 109683 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16HV753T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 134066 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16HV753-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 133530 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16HV785-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br/>In stock: 57067 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC16HV785-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20SOIC<br/>In stock: 47607 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16HV785-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br/>In stock: 55468 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC16HV785-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20DIP<br/>In stock: 56449 pcs<br/><div>RFQ</div></div>     |  <div><b>PIC16HV753-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 121714 pcs<br/><div>RFQ</div></div>  |