



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F2585-I/SP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F2585-I/SP                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 48KB FLASH 28SDIP                                                                                |
|                     |  1.PIC18F2585-I/SP.pdf      |
|                     |  2.PIC18F2585-I/SP.pdf      |
|                     |  3.PIC18F2585-I/SP.pdf      |
|                     |  4.PIC18F2585-I/SP.pdf      |
|                     |  5.PIC18F2585-I/SP.pdf      |
|                     |  6.PIC18F2585-I/SP.pdf      |
|                     |  7.PIC18F2585-I/SP.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17229 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
|                     | DHL/Fedex/TNT/UPS/EMS                                                                                        |
|                     | REQUEST FOR QUOTATION                                                                                        |

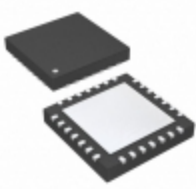
Specifications of PIC18F2585-I/SP

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F2585-I/SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 48KB FLASH 28SDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 17229 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.PIC18F2585-I/SP.pdf<br> 2.PIC18F2585-I/SP.pdf<br> 3.PIC18F2585-I/SP.pdf<br> 4.PIC18F2585-I/SP.pdf<br> 5.PIC18F2585-I/SP.pdf<br> 6.PIC18F2585-I/SP.pdf<br> 7.PIC18F2585-I/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RAM SIZE                         | 3.25K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY SIZE              | 48KB (24K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 28-DIP (0.300" , 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | PIC18F2585ISP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 48KB (24K x 16) FLASH 28-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC18F2585                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18F2585-I/SP | PIC18F2585-I/SP Distributor            | PIC18F2585-I/SP Supplier                               |
| PIC18F2585-I/SP Price                         | PIC18F2585-I/SP Pictures               | PIC18F2585-I/SP Image                                  |
| PIC18F2585-I/SP PDF Datasheet                 | PIC18F2585-I/SP Download Datasheet     | PIC18F2585-I/SP Datasheet                              |
| PIC18F2585-I/SP Stock                         | Buy PIC18F2585-I/SP                    | Buy Micrel / Microchip Technology PIC18F2585-I/SP      |
| Micrel / Microchip Technology PIC18F2585-I/SP | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F2585-I/SP | Microchip Technology PIC18F2585-I/SP   | Roving Networks / Microchip Technology PIC18F2585-I/SP |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
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|  <div><b>PIC18F25J10-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 48393 pcs<br/>RFQ</div>  |  <div><b>PIC18F258T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 14400 pcs<br/>RFQ</div>  |
|  <div><b>PIC18F258T-I/SOG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 5078 pcs<br/>RFQ</div>  |  <div><b>PIC18F2585-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 28SDIP<br/>In stock: 15598 pcs<br/>RFQ</div>  |
|  <div><b>PIC18F25J10-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 49922 pcs<br/>RFQ</div> |  <div><b>PIC18F2585-H/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 28SDIP<br/>In stock: 11797 pcs<br/>RFQ</div>  |
|  <div><b>PIC18F2585-H/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 28SOIC<br/>In stock: 13656 pcs<br/>RFQ</div>  |  <div><b>PIC18F2585-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 28SOIC<br/>In stock: 14791 pcs<br/>RFQ</div>  |
|  <div><b>PIC18F2585T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 28SOIC<br/>In stock: 17778 pcs<br/>RFQ</div> |  <div><b>PIC18F25J10-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 56221 pcs<br/>RFQ</div> |
|  <div><b>PIC18F2585-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 28SOIC<br/>In stock: 16587 pcs<br/>RFQ</div>  |  <div><b>PIC18F2580T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 16330 pcs<br/>RFQ</div> |

