



MSP430F5310IPTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F5310IPTR                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 32KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 50643 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MSP430F5310IPTR

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F5310IPTR                                                                      |
| MANUFACTURER                     | N/A                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 48LQFP                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 50643 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                        |
| SPEED                            | 25MHz                                                                                |
| SERIES                           | MSP430F5xx                                                                           |
| RAM SIZE                         | 6K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 48-LQFP                                                                              |
| OTHER NAMES                      | 296-28193-2                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 31                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| EEPROM SIZE                      | -                                                                                    |
| DETAILED DESCRIPTION             | CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 25MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 8x10b                                                                            |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | CPUXV2                                                                               |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                 |
| BASE PART NUMBER                 | MSP430F5310                                                                          |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MSP430F5310IPTR               | MSP430F5310IPTR Distributor        | MSP430F5310IPTR Supplier  |
| MSP430F5310IPTR Price         | MSP430F5310IPTR Pictures           | MSP430F5310IPTR Image     |
| MSP430F5310IPTR PDF Datasheet | MSP430F5310IPTR Download Datasheet | MSP430F5310IPTR Datasheet |
| MSP430F5310IPTR Stock         | Buy MSP430F5310IPTR                | Buy MSP430F5310IPTR       |
| MSP430F5310IPTR               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                             |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MSP430F5309IRGZR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 24KB FLASH 48VQFN<br/>In stock: 63778 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F5310IRGCR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 64VQFN<br/>In stock: 29837 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F5309IZQER</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 24KB FLASH 80BGA<br/>In stock: 60386 pcs</p> <p>RFQ</p>  |  | <p><b>MSP430F5310IPT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br/>In stock: 22602 pcs</p> <p>RFQ</p>   |
|  | <p><b>MSP430F5310IZQE</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 80BGA<br/>In stock: 31451 pcs</p> <p>RFQ</p>   |  | <p><b>MSP430F5310IZQER</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 80BGA<br/>In stock: 54023 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F5310IRGZT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 48VQFN<br/>In stock: 35704 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F5309IRGZT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 24KB FLASH 48VQFN<br/>In stock: 38133 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F5309IZQE</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 24KB FLASH 80BGA<br/>In stock: 36100 pcs</p> <p>RFQ</p>   |  | <p><b>MSP430F5309IRGCT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 24KB FLASH 64VQFN<br/>In stock: 42601 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F5310IRGCT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 64VQFN<br/>In stock: 35143 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F5310IRGZR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 48VQFN<br/>In stock: 54427 pcs</p> <p>RFQ</p> |