



MSP430F5438IPZ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F5438IPZ                                                                                               |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 256KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9669 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

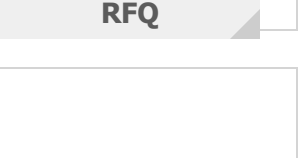
Specifications of MSP430F5438IPZ

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F5438IPZ                                                                            |
| MANUFACTURER                     | N/A                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 100LQFP                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 9669 pcs                                                                                  |
| DATA SHEET                       |                                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                             |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                          |
| SPEED                            | 18MHz                                                                                     |
| SERIES                           | MSP430F5xx                                                                                |
| RAM SIZE                         | 16K x 8                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                     |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                |
| PACKAGING                        | Tray                                                                                      |
| PACKAGE / CASE                   | 100-LQFP                                                                                  |
| OTHER NAMES                      | 296-23450                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                         |
| NUMBER OF I/O                    | 87                                                                                        |
| 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 18MHz 256KB (256K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x12b                                                                                |
| CORE SIZE                        | 16-Bit                                                                                    |
| CORE PROCESSOR                   | CPUXV2                                                                                    |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                      |
| BASE PART NUMBER                 | MSP430F5438                                                                               |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MSP430F5438IPZ               | MSP430F5438IPZ Distributor        | MSP430F5438IPZ Supplier  |
| MSP430F5438IPZ Price         | MSP430F5438IPZ Pictures           | MSP430F5438IPZ Image     |
| MSP430F5438IPZ PDF Datasheet | MSP430F5438IPZ Download Datasheet | MSP430F5438IPZ Datasheet |
| MSP430F5438IPZ Stock         | Buy MSP430F5438IPZ                | Buy MSP430F5438IPZ       |
| MSP430F5438IPZ               | Supplier                          | Distributor              |

Related Products

|                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MSP430F5438AIPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 15037 pcs</p> <p>RFQ</p> |  <p><b>MSP430F5438AIZQWT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 256KB FLASH 113BGA<br/>In stock: 18749 pcs</p>           |  <p><b>MSP430F5500IRGZT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 8KB FLASH 48VQFN<br/>In stock: 38244 pcs</p> <p>RFQ</p> |
|  <p><b>MSP430F5502IRGZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 24KB FLASH 48VQFN<br/>In stock: 53355 pcs</p> <p>RFQ</p>   |  <p><b>MSP430F5501IRGZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 48VQFN<br/>In stock: 65897 pcs</p> <p>RFQ</p>  |                                                                                                                                                                                                                               |
|  <p><b>MSP430F5438AIZOWR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 256KB FLASH 113BGA<br/>In stock: 26832 pcs</p>            |  <p><b>MSP430F5438AMPZREP</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 12299 pcs</p>         |  <p><b>MSP430F5500IRGZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 8KB FLASH 48VQFN<br/>In stock: 55507 pcs</p> <p>RFQ</p> |
|  <p><b>MSP430F5438AIPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 13875 pcs</p> <p>RFQ</p>  |  <p><b>MSP430F5438IPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 15478 pcs</p> <p>RFQ</p> |                                                                                                                                                                                                                               |
|  <p><b>MSP430F5501IRGZT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 48VQFN<br/>In stock: 43590 pcs</p> <p>RFQ</p>   |  <p><b>MSP430F5438ACY</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 256KB FLASH DIE<br/>In stock: 17508 pcs</p> <p>RFQ</p>      |                                                                                                                                                                                                                               |

