



MSP430F439IPN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F439IPN                                                                                                |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 60KB FLASH 80LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9905 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

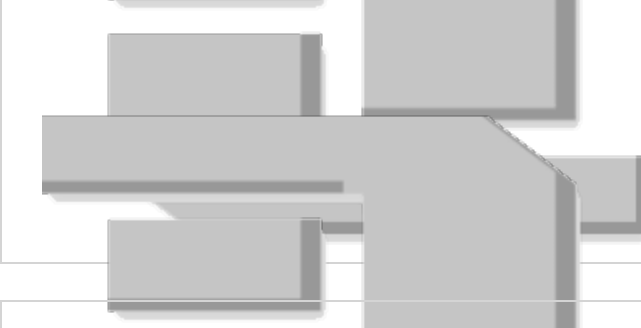
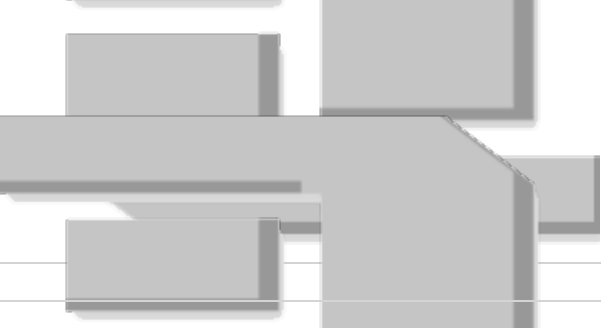
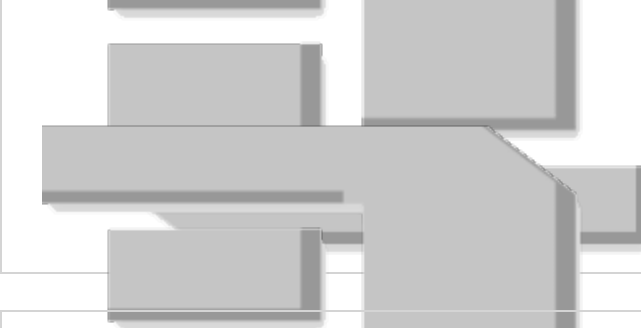
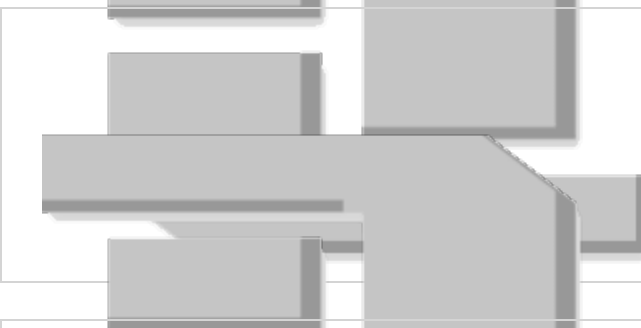
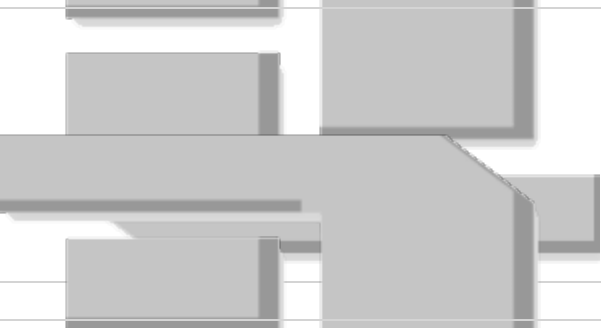
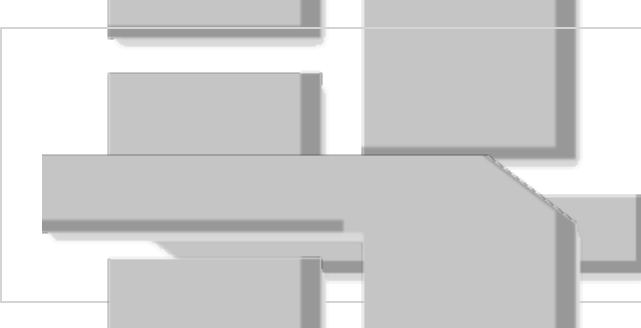
Specifications of MSP430F439IPN

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F439IPN                                                                                |
| MANUFACTURER                     | N/A                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 60KB FLASH 80LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| QUANTITY AVAILABLE               | 9905 pcs                                                                                     |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                              |
| SPEED                            | 8MHz                                                                                         |
| SERIES                           | MSP430x4xx                                                                                   |
| RAM SIZE                         | 2K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                        |
| PROGRAM MEMORY SIZE              | 60KB (60K x 8 + 256B)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                              |
| PACKAGING                        | Tube                                                                                         |
| PACKAGE / CASE                   | 80-LQFP                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                            |
| NUMBER OF I/O                    | 48                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| EEPROM SIZE                      | -                                                                                            |
| DETAILED DESCRIPTION             | MSP430 MSP430x4xx Microcontroller IC 16-Bit 8MHz 60KB (60K x 8 + 256B) FLASH 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 12x12b                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                       |
| CORE PROCESSOR                   | MSP430                                                                                       |
| CONNECTIVITY                     | SPI, UART/USART                                                                              |
| BASE PART NUMBER                 | MSP430F439                                                                                   |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MSP430F439IPN               | MSP430F439IPN Distributor        | MSP430F439IPN Supplier  |
| MSP430F439IPN Price         | MSP430F439IPN Pictures           | MSP430F439IPN Image     |
| MSP430F439IPN PDF Datasheet | MSP430F439IPN Download Datasheet | MSP430F439IPN Datasheet |
| MSP430F439IPN Stock         | Buy MSP430F439IPN                | Buy MSP430F439IPN       |
| MSP430F439IPN               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                            |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MSP430F448IPZ</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 100LQFP<br/>In stock: 10091 pcs</p> <p>RFQ</p>   |  | <p><b>MSP430F437IPZR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: 22878 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F4481IPZR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 100LQFP<br/>In stock: 18599 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F4481IPZ</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 100LQFP<br/>In stock: 14026 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F447IPZ</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: 9793 pcs</p> <p>RFQ</p>    |  | <p><b>MSP430F437IPNR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 80LQFP<br/>In stock: 12296 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F438IPN</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 80LQFP<br/>In stock: 12309 pcs</p> <p>RFQ</p>    |  | <p><b>MSP430F439IPNR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 60KB FLASH 80LQFP<br/>In stock: 8364 pcs</p> <p>RFQ</p>   |
|  | <p><b>MSP430F437IPN</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 80LQFP<br/>In stock: 11214 pcs</p> <p>RFQ</p>    |  | <p><b>MSP430F437IPZ</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: 9933 pcs</p> <p>RFQ</p>   |
|  | <p><b>MSP430F447IPZR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: 9528 pcs</p> <p>RFQ</p>   |  | <p><b>MSP430F438IPNR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 16BIT 48KB FLASH 80LQFP<br/>In stock: 8803 pcs</p> <p>RFQ</p>   |