



MSP430F413IRTDRE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F413IRTDRE                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 8KB FLASH 64VQFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 55857 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

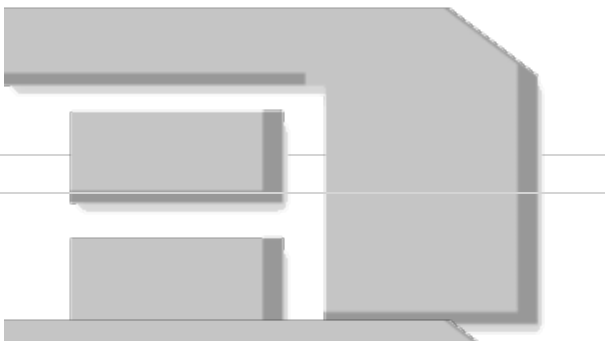
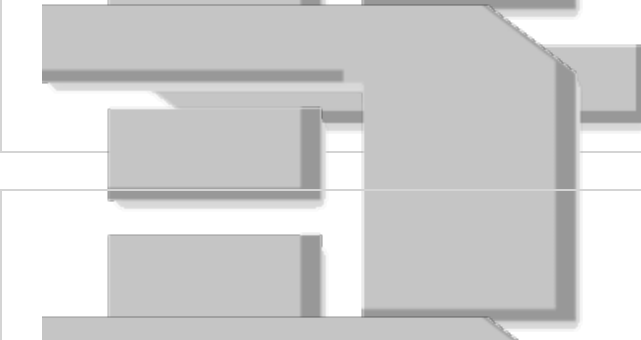
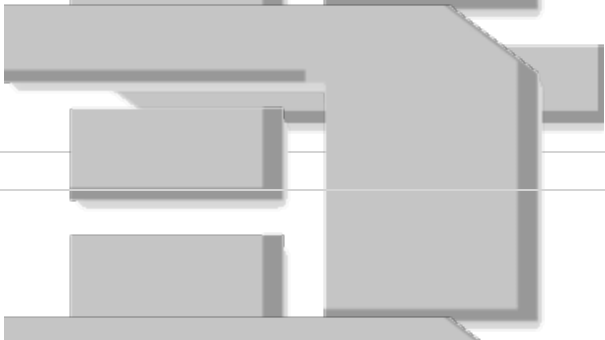
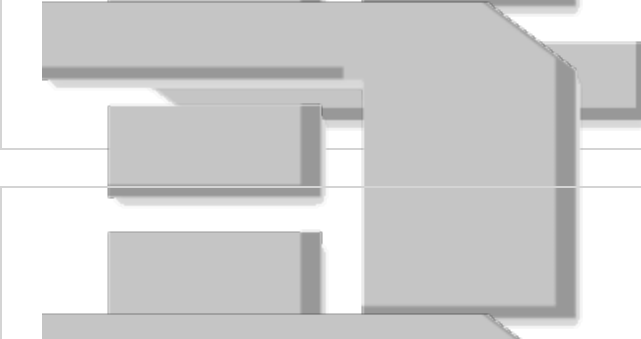
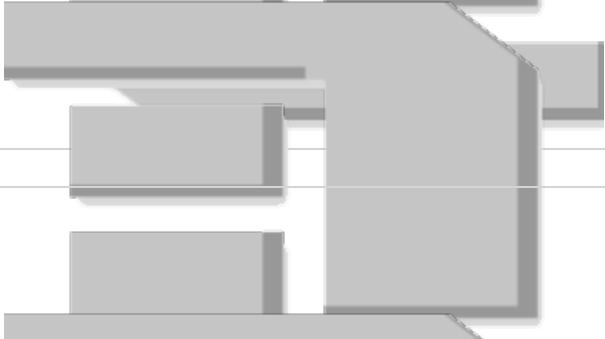
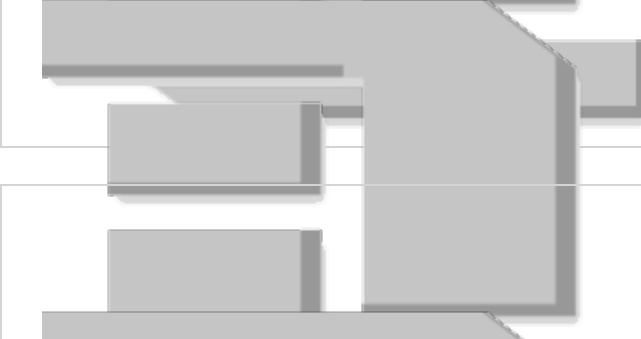
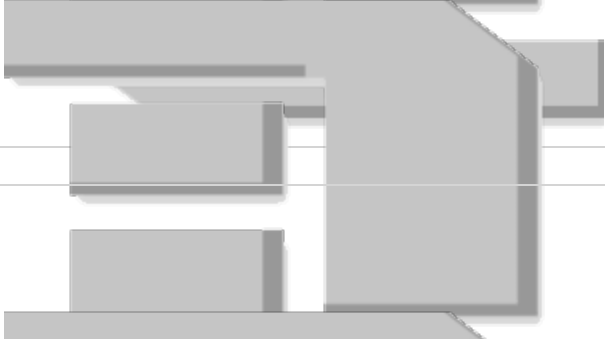
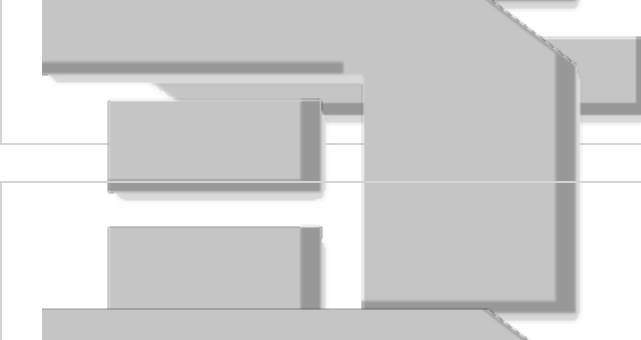
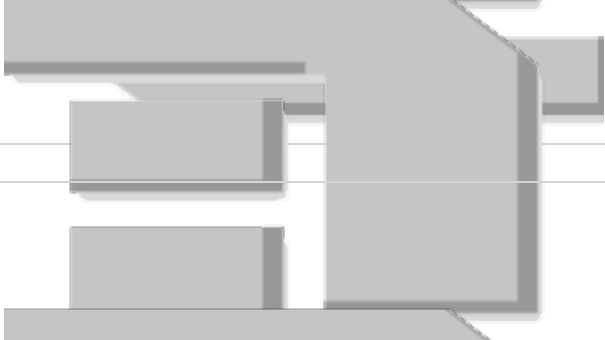
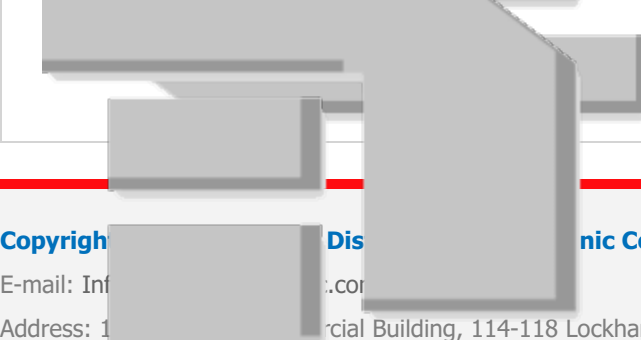
Specifications of MSP430F413IRTDRE

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F413IRTDRE                                                                         |
| MANUFACTURER                     | N/A                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 64VQFN                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| QUANTITY AVAILABLE               | 55857 pcs                                                                                |
| DATA SHEET                       |                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-VQFN (9x9)                                                                            |
| SPEED                            | 8MHz                                                                                     |
| SERIES                           | MSP430x4xx                                                                               |
| RAM SIZE                         | 256 x 8                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                    |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8 + 256B)                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                         |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                     |
| OTHER NAMES                      | 296-17412-2                                                                              |
| 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 8KB (8K x 8 + 256B) FLASH 64-VQFN (9x9) |
| DATA CONVERTERS                  | Slope A/D                                                                                |
| CORE SIZE                        | 16-Bit                                                                                   |
| CORE PROCESSOR                   | MSP430                                                                                   |
| CONNECTIVITY                     | -                                                                                        |
| BASE PART NUMBER                 | MSP430F413                                                                               |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MSP430F413IRTDRE               | MSP430F413IRTDRE Distributor        | MSP430F413IRTDRE Supplier  |
| MSP430F413IRTDRE Price         | MSP430F413IRTDRE Pictures           | MSP430F413IRTDRE Image     |
| MSP430F413IRTDRE PDF Datasheet | MSP430F413IRTDRE Download Datasheet | MSP430F413IRTDRE Datasheet |
| MSP430F413IRTDRE Stock         | Buy MSP430F413IRTDRE                | Buy MSP430F413IRTDRE       |
| MSP430F413IRTDRE               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                                                   |                                                                                      |                                                                                                                                                   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MSP430F4152IPM</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 16KB FLASH 64LQFP</p> <p>In stock: 24345 pcs</p> <p>RFQ</p>   |  | <p><b>MSP430F413IRTD</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 8KB FLASH 64VQFN</p> <p>In stock: 34375 pcs</p> <p>RFQ</p>    |
|  | <p><b>MSP430F4152IRGZR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 16KB FLASH 48VQFN</p> <p>In stock: 21020 pcs</p> <p>RFQ</p> |  | <p><b>MSP430F4152IRGZT</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 16KB FLASH 48VQFN</p> <p>In stock: 19866 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F4132IPMR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 8KB FLASH 64LQFP</p> <p>In stock: 51772 pcs</p> <p>RFQ</p>   |  | <p><b>MSP430F4132IRGZR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 8KB FLASH 48VQFN</p> <p>In stock: 52416 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F4152IPMR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 16KB FLASH 64LQFP</p> <p>In stock: 51847 pcs</p> <p>RFQ</p>  |  | <p><b>MSP430F4132IRGZT</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 8KB FLASH 48VQFN</p> <p>In stock: 31120 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F4132IPM</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 8KB FLASH 64LQFP</p> <p>In stock: 44854 pcs</p> <p>RFQ</p>    |  | <p><b>MSP430F413IPM</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 8KB FLASH 64LQFP</p> <p>In stock: 25944 pcs</p> <p>RFQ</p>     |
|  | <p><b>MSP430F413IPMR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 8KB FLASH 64LQFP</p> <p>In stock: 32908 pcs</p> <p>RFQ</p>    |  | <p><b>MSP430F4152IRGZ</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 16KB FLASH 48VQFN</p> <p>In stock: 4971 pcs</p> <p>RFQ</p>   |