

N/A



Image may be representation. See specifications for product details.

MSP430F412IRTDT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F412IRTDT                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 4KB FLASH 64VQFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 30091 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

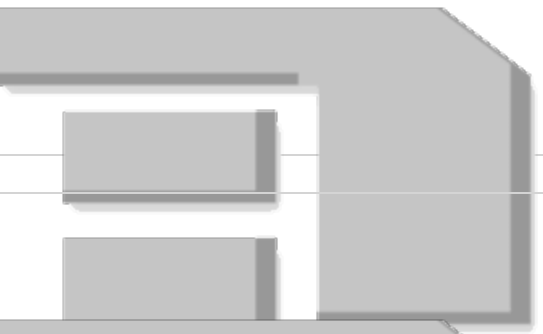
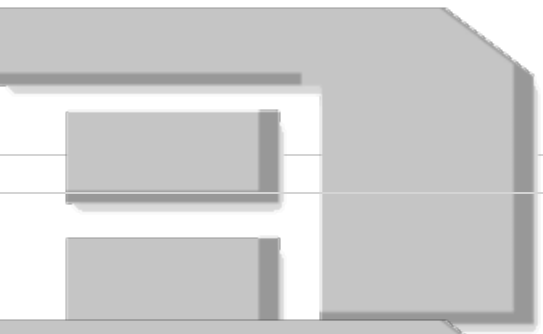
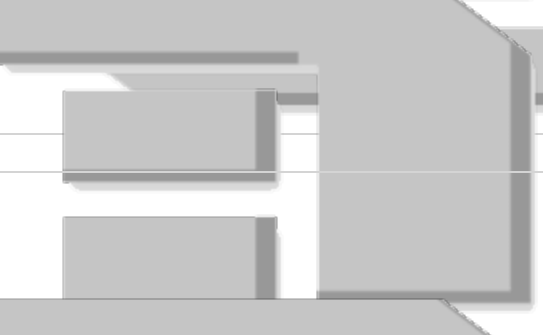
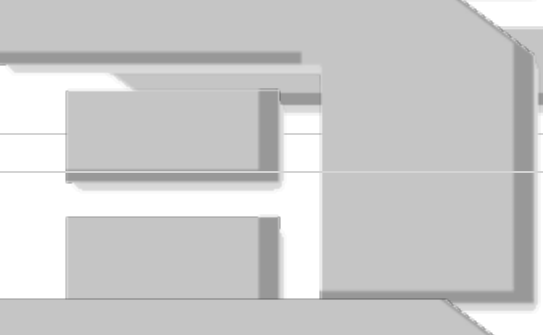
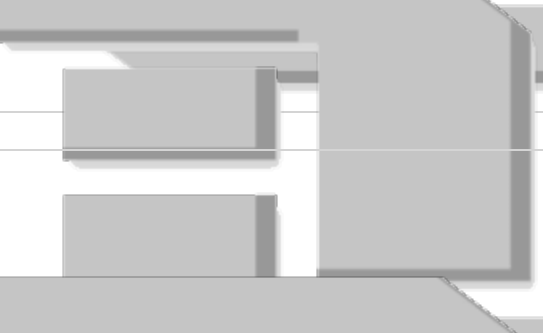
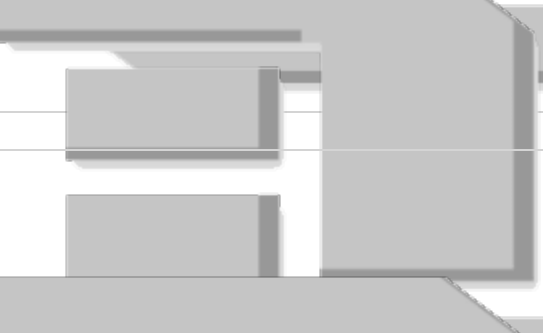
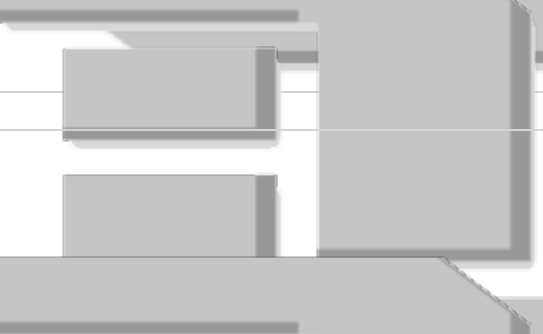
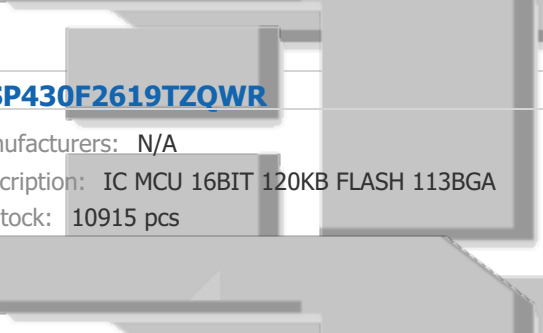
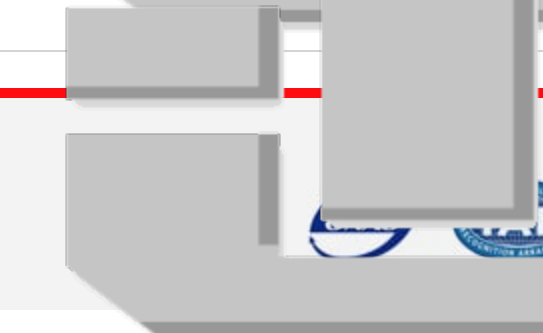
Specifications of MSP430F412IRTDT

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F412IRTDT                                                                          |
| MANUFACTURER                     | N/A                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 4KB FLASH 64VQFN                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| QUANTITY AVAILABLE               | 30091 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              | 4KB (4K x 8 + 256B)                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                               |
| PACKAGING                        | Cut Tape (CT)                                                                            |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                     |
| OTHER NAMES                      | 296-17323-1                                                                              |
| 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 4KB (4K x 8 + 256B) FLASH 64-VQFN (9x9) |
| DATA CONVERTERS                  | Slope A/D                                                                                |
| CORE SIZE                        | 16-Bit                                                                                   |
| CORE PROCESSOR                   | MSP430                                                                                   |
| CONNECTIVITY                     | -                                                                                        |
| BASE PART NUMBER                 | MSP430F412                                                                               |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MSP430F412IRTDT               | MSP430F412IRTDT Distributor        | MSP430F412IRTDT Supplier  |
| MSP430F412IRTDT Price         | MSP430F412IRTDT Pictures           | MSP430F412IRTDT Image     |
| MSP430F412IRTDT PDF Datasheet | MSP430F412IRTDT Download Datasheet | MSP430F412IRTDT Datasheet |
| MSP430F412IRTDT Stock         | Buy MSP430F412IRTDT                | Buy MSP430F412IRTDT       |
| MSP430F412IRTDT               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                  |                                                                                      |                                                                                                                                                    |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <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>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>MSP430F412IPMR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 4KB FLASH 64LQFP</p> <p>In stock: 54491 pcs</p> <p>RFQ</p>     |
|  | <p><b>MSP430F2619TPNR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 120KB FLASH 80LQFP</p> <p>In stock: 8105 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>MSP430F2619TZQW</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 120KB FLASH 113BGA</p> <p>In stock: 11744 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSP430F412IRTD</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 4KB FLASH 64VQFN</p> <p>In stock: 64269 pcs</p> <p>RFQ</p>   |  | <p><b>MSP430F2619TZQWR</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 120KB FLASH 113BGA</p> <p>In stock: 10915 pcs</p> <p>RFQ</p> |
|  | <p><b>MSP430F412IPM</b></p> <p>Manufacturers: N/A</p> <p>Description: IC MCU 16BIT 4KB FLASH 64LQFP</p> <p>In stock: 27442 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>   |