



MSP430F6659IZQWR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSP430F6659IZQWR                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 16BIT 512KB FLASH 113BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11998 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

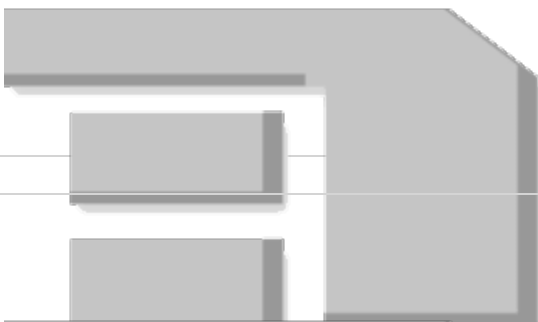
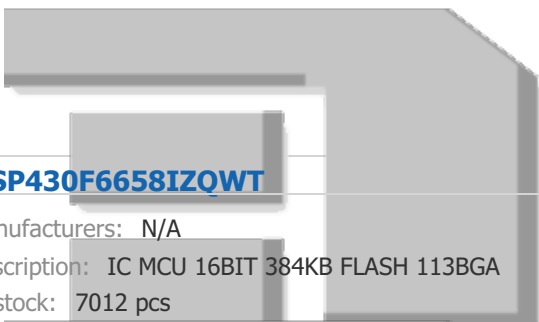
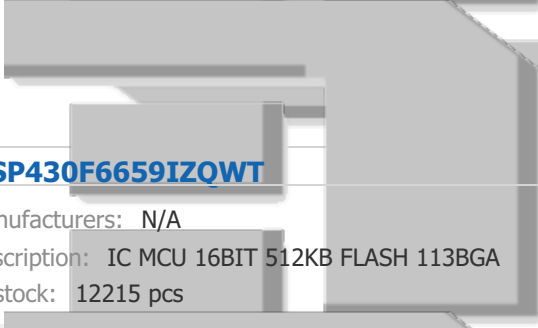
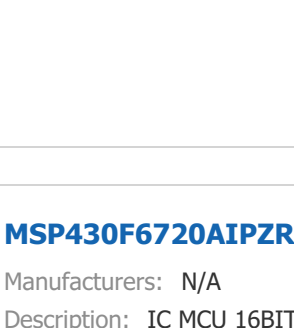
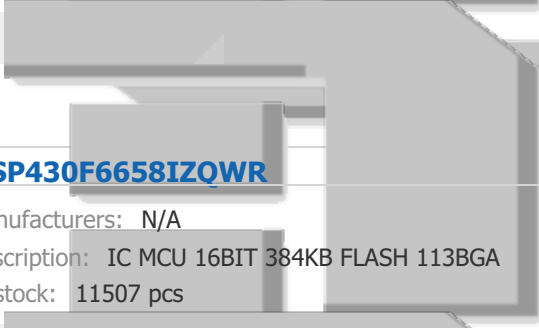
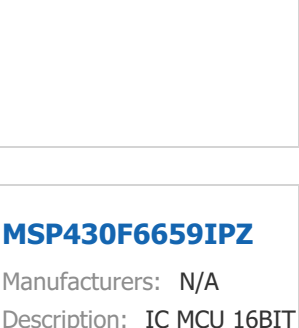
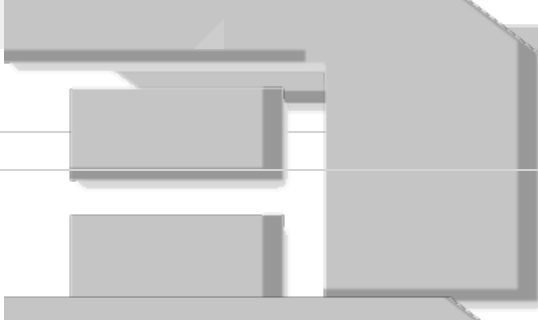
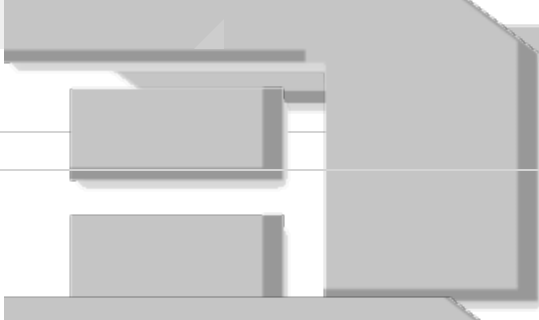
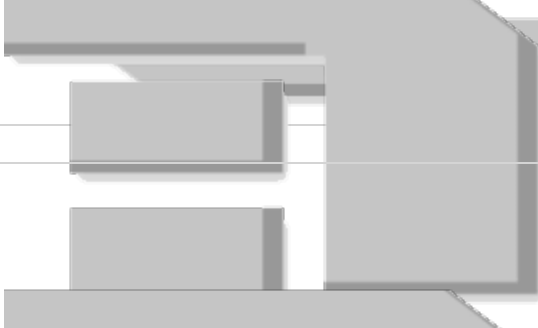
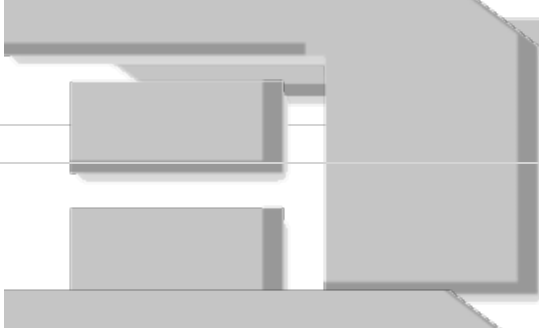
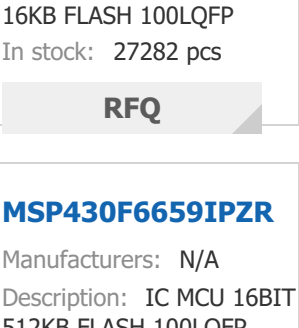
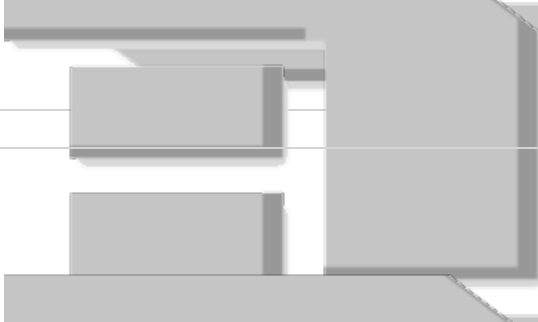
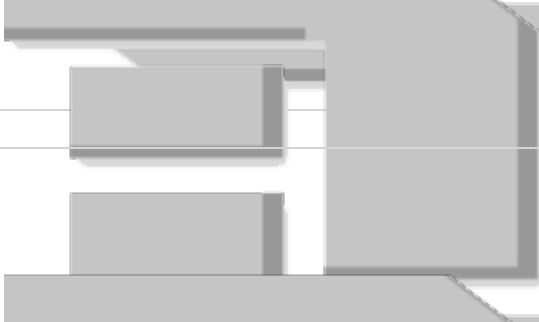
Specifications of MSP430F6659IZQWR

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSP430F6659IZQWR                                                                                        |
| MANUFACTURER                     | N/A                                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 113BGA                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 11998 pcs                                                                                               |
| DATA SHEET                       |                                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 113-BGA Microstar Junior (7x7)                                                                          |
| SPEED                            | 20MHz                                                                                                   |
| SERIES                           | MSP430F6xx                                                                                              |
| RAM SIZE                         | 66K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 113-VFBGA                                                                                               |
| OTHER NAMES                      | 296-40416-2<br>MSP430F6659IZQWR-ND                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 74                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | CPUXV2 MSP430F6xx Microcontroller IC 16-Bit 20MHz 512KB (512K x 8) FLASH 113-BGA Microstar Junior (7x7) |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x12b                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                  |
| CORE PROCESSOR                   | CPUXV2                                                                                                  |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SCI, SPI, UART/USART, USB                                                       |
| BASE PART NUMBER                 | MSP430F6659                                                                                             |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MSP430F6659IZQWR               | MSP430F6659IZQWR Distributor        | MSP430F6659IZQWR Supplier  |
| MSP430F6659IZQWR Price         | MSP430F6659IZQWR Pictures           | MSP430F6659IZQWR Image     |
| MSP430F6659IZQWR PDF Datasheet | MSP430F6659IZQWR Download Datasheet | MSP430F6659IZQWR Datasheet |
| MSP430F6659IZQWR Stock         | Buy MSP430F6659IZQWR                | Buy MSP430F6659IZQWR       |
| MSP430F6659IZQWR               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                              |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MSP430F6658IPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 384KB FLASH 100LQFP<br/>In stock: 14040 pcs</p> <p>RFQ</p> |  <p><b>MSP430F6658IZQWT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 384KB FLASH 113BGA<br/>In stock: 7012 pcs</p>            |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |
|  <p><b>MSP430F6659IZQWT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 512KB FLASH 113BGA<br/>In stock: 12215 pcs</p>            |  <p><b>MSP430F6720AIPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 100LQFP<br/>In stock: 33904 pcs</p> <p>RFQ</p> |  <p><b>MSP430F6658IZQWR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 384KB FLASH 113BGA<br/>In stock: 11507 pcs</p>             |  <p><b>MSP430F6659IPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: 7217 pcs</p> <p>RFQ</p> |
|  <p><b>MSP430F6720IPN</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 80LQFP<br/>In stock: 20586 pcs</p> <p>RFQ</p>    |  <p><b>MSP430F6720AIPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 100LQFP<br/>In stock: 27282 pcs</p> <p>RFQ</p> |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |
|  <p><b>MSP430F6658IPZ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 384KB FLASH 100LQFP<br/>In stock: 9297 pcs</p> <p>RFQ</p>   |  <p><b>MSP430F6720AIPNR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 80LQFP<br/>In stock: 35945 pcs</p> <p>RFQ</p> |  <p><b>MSP430F6659IPZR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: 11109 pcs</p> <p>RFQ</p> |                                                                                                                                                                                                                               |
|  <p><b>MSP430F6720AIPNR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 80LQFP<br/>In stock: 35945 pcs</p> <p>RFQ</p>  |  <p><b>MSP430F6720AIPN</b><br/>Manufacturers: N/A<br/>Description: IC MCU 16BIT 16KB FLASH 80LQFP<br/>In stock: 25678 pcs</p> <p>RFQ</p>  |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |

