

MSP430F112IDW



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Part Number: [MSP430F112IDW](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 4KB FLASH 20SOIC](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                    |                                  |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | MSP430F112IDW                                                                      | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 16BIT 4KB FLASH 20SOIC                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 4987 pcs                                                                           | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                  | 20-SOIC                                                                            | Speed                            | 8MHz                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | MSP430x1xx                                                                         | RAM Size                         | 256 x 8                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                              | Program Memory Size              | 4KB (4K x 8 + 256B)        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                              | POR, PWM, WDT                                                                      | Packaging                        | Tube                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                           | 20-SOIC (0.295", 7.50mm Width)                                                     | Other Names                      | 296-6509-5                 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                                           | Operating Temperature            | -40°C ~ 85°C (TA)          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                            | 14                                                                                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                         | EEPROM Size                      | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430 MSP430x1xx Microcontroller IC 16-Bit 8MHz 4KB (4K x 8 + 256B) FLASH 20-SOIC | Data Converters                  | -                          |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                | 16-Bit                                                                             | Core Processor                   | MSP430                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                  | Base Part Number                 | MSP430F112                 |
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