

MSP430F2111IDW



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Part Number: [MSP430F2111IDW](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 2KB FLASH 20SOIC](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430F2111IDW                            | Manufacturer                     | N/A                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 2KB FLASH 20SOIC             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 86802 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                            | 16MHz                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430F2xx                                | RAM Size                         | 128 x 8                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size              | 2KB (2K x 8 + 256B)                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tube                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 20-SOIC (0.295", 7.50mm Width)            | Other Names                      | 296-26195-5<br>MSP430F2111IDW-ND                                                    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                   |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                              | 16                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 20 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description             | MSP430 MSP430F2xx Microcontroller IC 16-Bit 16MHz 2KB (2K x 8 + 256B) FLASH 20-SOIC |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | Slope A/D                                 | Core Size                        | 16-Bit                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430                                    | Connectivity                     | -                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | MSP430F2111                               |                                  |                                                                                     |
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