

MSP430G2855IDA38



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Part Number: [MSP430G2855IDA38](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 48KB FLASH 38TSSOP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                 |                                 |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MSP430G2855IDA38                                                                | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 48KB FLASH 38TSSOP                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 39232 pcs                                                                       | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                      | 38-TSSOP                                                                        | Speed                           | 16MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                       | MSP430G2xx                                                                      | RAM Size                        | 4K x 8                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                           | Program Memory Size             | 48KB (48K x 8)             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, POR, WDT                                                | Packaging                       | Tube                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                               | 38-TSSOP (0.240", 6.10mm Width)                                                 | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 85°C (TA)                                                               | Number of I/O                   | 32                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                             | 2 (1 Year)                                                                      | Manufacturer Standard Lead Time | 6 Weeks                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                                      | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                         | MSP430 MSP430G2xx Microcontroller IC 16-Bit 16MHz 48KB (48K x 8) FLASH 38-TSSOP | Data Converters                 | A/D 12x10b                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-Bit                                                                          | Core Processor                  | MSP430                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                 | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                            | Base Part Number                | MSP430G2855                |
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|  | Part#: <a href="#">MSP430G2955IDA38R</a><br>Description: <a href="#">IC MCU 16BIT 56KB FLASH 38TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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