

MB96F386RSCPMC-GS-150E2



Part Number: [MB96F386RSCPMC-GS-150E2](#)

Manufacturer: [Cypress Semiconductor Corp](#)

Description: IC MCU 16BIT 288KB FLASH 120LQFP

Data sheet:

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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See Product Specifications for product details.

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PRODUCT PARAMETER

| | | | |
|--|---|---|--|
| Part Number | MB96F386RSCPMC-GS-150E2 | Manufacturer | Cypress Semiconductor Corp |
| Description | IC MCU 16BIT 288KB FLASH 120LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 14780 pcs | Data sheet | |
| Category | Integrated Circuits (ICs) | Voltage - Supply (Vcc/Vdd) | FLASH |
| Voltage - Breakdown | 120-LQFP (16x16) | Series | F ^{MC} -16FX MB96380 |
| RoHS Status | Tray | Reverse Recovery Time (trr) | 56MHz |
| Requires | DMA, LCD, LVD, LVR, POR, PWM, WDT | Program Memory Type | 288KB (288K x 8) |
| Program Memory Size | CAN, EBI/EMI, I ^C , LIN, SCI, UART/USART | Polarization | 120-LQFP |
| Oscillator Type | A/D 16x10b | Operating Temperature | -40°C ~ 105°C (TA) |
| Operating System | F ^{MC} -16FX | Moisture Sensitivity Level (MSL) | 3 (168 Hours) |
| Manufacturer Standard Lead Time | 19 Weeks | Manufacturer Part Number | MB96F386RSCPMC-GS-150E2 |
| Expanded Description | F ^{MC} -16FX F ^{MC} -16FX MB96380 Microcontroller IC 16-Bit 56MHz 288KB (288K x 8) FLASH 120-LQFP (16x16) | Description | IC MCU 16BIT 288KB FLASH 120LQFP |
| Data SRAM Bytes | - | Data Converters | 3 V ~ 5.5 V |
| Core Size | 16K x 8 | Controller Series | Internal |
| Connectivity | 16-Bit | Clock Rate | 96 |

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