

## MCF51MM128VMB



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IC MCU 32BIT 128KB FLASH 81BGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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### Specifications

|                                    |   |
|------------------------------------|---|
| <b>Voltage - Supply (Vcc/Vdd):</b> | 1.8 V ~ 3.6 V                                     |
| <b>Supplier Device Package:</b>    | 81-MAPBGA (10x10)                                 |
| <b>Speed:</b>                      | 50MHz   |
| <b>Series:</b>                     | MCF51MM   |
| <b>RAM Size:</b>                   | 32K x 8   |
| <b>Program Memory Type:</b>        | FLASH   |
| <b>Program Memory Size:</b>        | 128KB (128K x 8)                                  |
| <b>Peripherals:</b>                | LVD, PWM, WDT                                     |
| <b>Packaging:</b>                  | Tray  |
| <b>Package / Case:</b>             | 81-LBGA   |
| <b>Oscillator Type:</b>            | External  |
| <b>Operating Temperature:</b>      | -40°C ~ 105°C (TA)                                |
| <b>Number of I/O:</b>              | 48  |
| <b>EEPROM Size:</b>                | -   |
| <b>Data Converters:</b>            | A/D 8x16b, D/A 1x12b                              |
| <b>Core Size:</b>                  | 32-Bit  |
| <b>Core Processor:</b>             | Coldfire V1                                       |
| <b>Connectivity:</b>               | CAN, EBI/EMI, I <sup>2</sup> C, SCI, SPI, USB OTG |

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