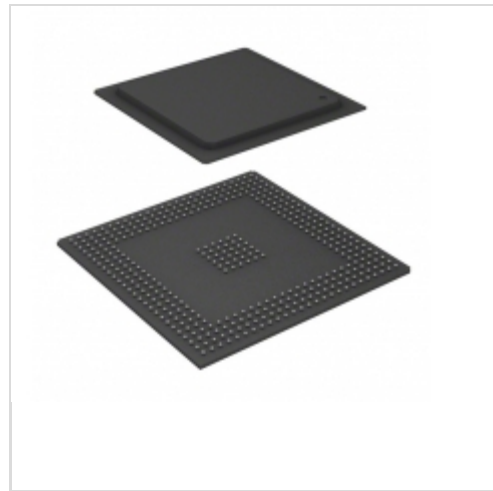


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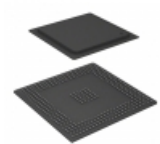
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### Specifications

|                                    |                                    |
|------------------------------------|------------------------------------|
| <b>Voltage - Supply (Vcc/Vdd):</b> | 2.5 V ~ 2.7 V                      |
| <b>Supplier Device Package:</b>    | 388-PBGA (27x27)                   |
| <b>Speed:</b>                      | 40MHz                              |
| <b>Series:</b>                     | MPC5xx                             |
| <b>RAM Size:</b>                   | 32K x 8                            |
| <b>Program Memory Type:</b>        | FLASH                              |
| <b>Program Memory Size:</b>        | 512KB (512K x 8)                   |
| <b>Peripherals:</b>                | POR, PWM, WDT                      |
| <b>Packaging:</b>                  | Tray                               |
| <b>Package / Case:</b>             | 388-BBGA                           |
| <b>Oscillator Type:</b>            | External                           |
| <b>Operating Temperature:</b>      | -40°C ~ 85°C (TA)                  |
| <b>Number of I/O:</b>              | 56                                 |
| <b>EEPROM Size:</b>                | -                                  |
| <b>Data Converters:</b>            | A/D 32x10b                         |
| <b>Core Size:</b>                  | 32-Bit                             |
| <b>Core Processor:</b>             | PowerPC                            |
| <b>Connectivity:</b>               | CAN, EBI/EMI, SCI, SPI, UART/USART |

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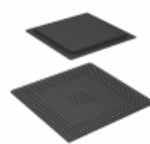
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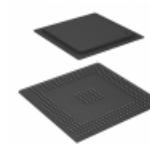
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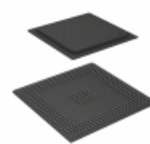
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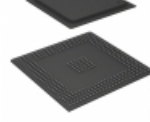
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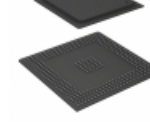
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#### MPC563MZP66

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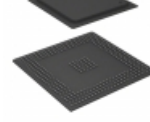
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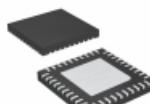
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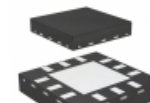
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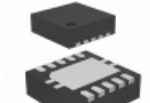
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