



NXP Semiconductors / Freescale

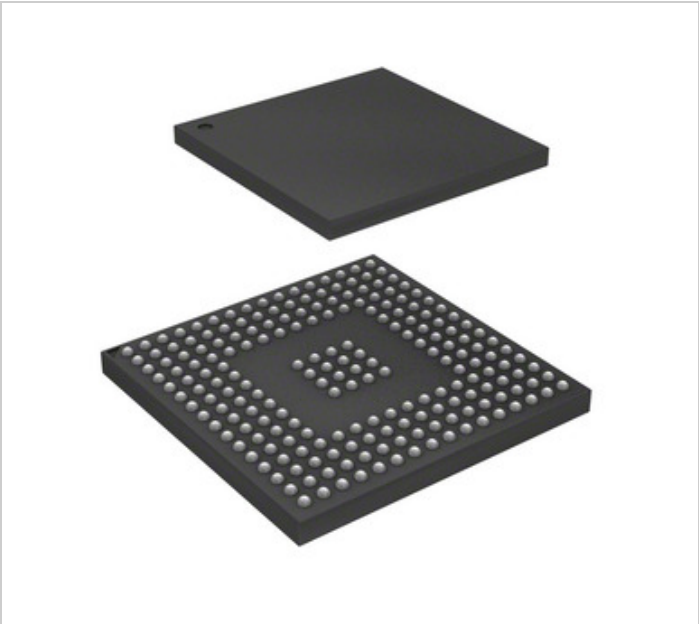


Image may be representation. See specifications for product details.

SPC5516EAMMG66

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5516EAMMG66                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 1MB FLASH 208MAPBGA                                                                             |
|                     | <a href="#">PDF</a> 1.SPC5516EAMMG66.pdf                                                                     |
|                     | <a href="#">PDF</a> 2.SPC5516EAMMG66.pdf                                                                     |
|                     | <a href="#">PDF</a> 3.SPC5516EAMMG66.pdf                                                                     |
|                     | <a href="#">PDF</a> 4.SPC5516EAMMG66.pdf                                                                     |
|                     | <a href="#">PDF</a> 5.SPC5516EAMMG66.pdf                                                                     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

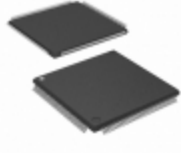
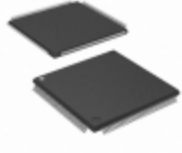
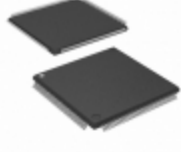
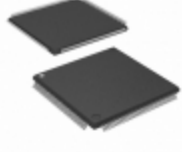
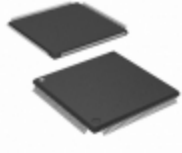
Specifications of SPC5516EAMMG66

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5516EAMMG66                                                                                                                                                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 208MAPBGA                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       | <a href="#">PDF</a> 1.SPC5516EAMMG66.pdf<br><a href="#">PDF</a> 2.SPC5516EAMMG66.pdf<br><a href="#">PDF</a> 3.SPC5516EAMMG66.pdf<br><a href="#">PDF</a> 4.SPC5516EAMMG66.pdf<br><a href="#">PDF</a> 5.SPC5516EAMMG66.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.25 V                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 208-MAPBGA (17x17)                                                                                                                                                                                                       |
| SPEED                            | 66MHz                                                                                                                                                                                                                    |
| SERIES                           | MPC55xx Qorivva                                                                                                                                                                                                          |
| RAM SIZE                         | 64K x 8                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                                                                                                                             |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 208-BGA                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 144                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | e200z0, e200z1 MPC55xx Qorivva Microcontroller IC 32-Bit Dual-Core 66MHz 1MB (1M x 8) FLASH 208-MAPBGA (17x17)                                                                                                           |
| DATA CONVERTERS                  | A/D 40x12b                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                                                                                                                                         |
| CORE PROCESSOR                   | e200z0, e200z1                                                                                                                                                                                                           |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, SCI, SPI                                                                                                                                                                              |
| BASE PART NUMBER                 | SPC5516                                                                                                                                                                                                                  |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale SPC5516EAMMG66 | SPC5516EAMMG66 Distributor              | SPC5516EAMMG66 Supplier                           |
| SPC5516EAMMG66 Price                          | SPC5516EAMMG66 Pictures                 | SPC5516EAMMG66 Image                              |
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| Freescale Semiconductor - NXP SPC5516EAMMG66  | NXP USA Inc. SPC5516EAMMG66             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
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|  <div><b>SPC5516EBMLQ66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>SPC5516SBMLQ66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>SPC5516EAVMG80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>SPC5516SAMLU66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>SPC5515SBMLQ66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>SPC5515SAMLU66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 768KB FLASH 176LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>SPC5514GBMLQ66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>SPC5516GBMLQ66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>SPC5514EBVLQ66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>SPC5516EAVLQ66R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>SPC5516EACMG48</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>SPC5516EAMLQ48</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |