



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

SPC5668GK0MMG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5668GK0MMG                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 2MB FLASH 208MAPBGA                                                                             |
|                     |  1.SPC5668GK0MMG.pdf        |
|                     |  2.SPC5668GK0MMG.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

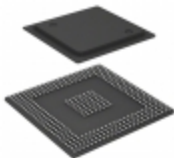
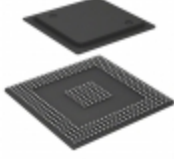
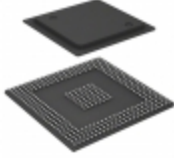
Specifications of SPC5668GK0MMG

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5668GK0MMG                                                                                                                                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 208MAPBGA                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| DATA SHEET                       |  1.SPC5668GK0MMG.pdf<br> 2.SPC5668GK0MMG.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 208-MAPBGA (17x17)                                                                                                                                                                                                 |
| SPEED                            | 116MHz                                                                                                                                                                                                             |
| SERIES                           | MPC56xx Qorivva                                                                                                                                                                                                    |
| RAM SIZE                         | 592K x 8                                                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 208-BGA                                                                                                                                                                                                            |
| OTHER NAMES                      | 935321642557                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 155                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | e200z650 MPC56xx Qorivva Microcontroller IC 32-Bit 116MHz 2MB (2M x 8) FLASH 208-MAPBGA (17x17)                                                                                                                    |
| DATA CONVERTERS                  | A/D 36x10b                                                                                                                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                             |
| CORE PROCESSOR                   | e200z650                                                                                                                                                                                                           |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, LINbus, SCI, SPI                                                                                                                                                                            |
| BASE PART NUMBER                 | SPC5668                                                                                                                                                                                                            |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale SPC5668GK0MMG | SPC5668GK0MMG Distributor               | SPC5668GK0MMG Supplier                           |
| SPC5668GK0MMG Price                          | SPC5668GK0MMG Pictures                  | SPC5668GK0MMG Image                              |
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| Freescale Semiconductor - NXP SPC5668GK0MMG  | NXP USA Inc. SPC5668GK0MMG              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
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|  <div><b>SPC5668GK0VMGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5673FF3MVR3</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 3MB FLASH 416BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>SPC5668GF1AMMGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 2MB FL<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC5673FF3MVR2R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SPC5668GF1AVMGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC5668GAVMG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 2MB<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>SPC5668GAVMGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 2MB<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>SPC5668GF1AVMG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SPC5668GF1AMMG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5668GK0VMG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SPC5668GK0MMGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 208MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5673FF3MVR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>   |