



STMicroelectronics



SPC58EC80C3QMC0Y

|                     |                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC58EC80C3QMC0Y                                                                                         |
| Manufacturer/Brand: | STMicroelectronics                                                                                       |
| Product description | MICROCONTROLLER                                                                                          |
|                     |  1.SPC58EC80C3QMC0Y.pdf |
|                     |  2.SPC58EC80C3QMC0Y.pdf |
| Datasheets:         |                                                                                                          |
| Stock Condition     | 5327 pcs stock                                                                                           |
| Ship From           | Hong Kong                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                    |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

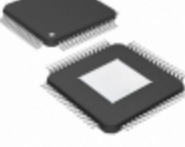
Specifications of SPC58EC80C3QMC0Y

|                                |                                                                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | SPC58EC80C3QMC0Y                                                                                                                                                                                                         |
| MANUFACTURER                   | STMicroelectronics                                                                                                                                                                                                       |
| DESCRIPTION                    | MICROCONTROLLER                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE             | 5327 pcs                                                                                                                                                                                                                 |
| DATA SHEET                     |  1.SPC58EC80C3QMC0Y.pdf<br> 2.SPC58EC80C3QMC0Y.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 3.3V, 5V                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE        | 292-LFBGA (17x17)                                                                                                                                                                                                        |
| SPEED                          | 180MHz                                                                                                                                                                                                                   |
| SERIES                         | SPC58 C-Line                                                                                                                                                                                                             |
| RAM SIZE                       | 512K x 8                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE            | 4MB (4M x 8)                                                                                                                                                                                                             |
| PERIPHERALS                    | DMA                                                                                                                                                                                                                      |
| PACKAGING                      | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                 | 292-BGA                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE          | -40°C ~ 125°C                                                                                                                                                                                                            |
| NUMBER OF I/O                  | 64                                                                                                                                                                                                                       |
| EEPROM SIZE                    | 128K x 8                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION           | e200z4d SPC58 C-Line Microcontroller IC 32-Bit Dual-Core 180MHz 4MB (4M x 8) FLASH 292-LFBGA (17x17)                                                                                                                     |
| CORE SIZE                      | 32-Bit Dual-Core                                                                                                                                                                                                         |
| CORE PROCESSOR                 | e200z4d                                                                                                                                                                                                                  |
| CONNECTIVITY                   | CANbus, Ethernet, FlexRay, I²C, LINbus, SPI                                                                                                                                                                              |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics SPC58EC80C3QMC0Y | SPC58EC80C3QMC0Y Distributor        | SPC58EC80C3QMC0Y Supplier               |
| SPC58EC80C3QMC0Y Price              | SPC58EC80C3QMC0Y Pictures           | SPC58EC80C3QMC0Y Image                  |
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| STMicroelectronics SPC58EC80C3QMC0Y |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC58EC80E3QMC0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: TQFP 100 14X14X1.0 1<br/>In stock: 7084 pcs</div> <div>RFQ</div>             |  <div><b>SPC582B60E1MH00Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: TQFP 64 10X10X1.0 1.<br/>In stock: 12029 pcs</div> <div>RFQ</div>       |
|  <div><b>SPC57MINT292EMU</b><br/>Manufacturers: STMicroelectronics<br/>Description: EVALUATION SPC57MINT292<br/>In stock: 195 pcs</div> <div>RFQ</div>            |  <div><b>SPC58EE80E7QMHA</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176L 24X24X1.4<br/>In stock: 4231 pcs</div> <div>RFQ</div>          |
|  <div><b>SPC58EC80E5QMC0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: 32-BIT POWER ARCHITECTURE MCU FO<br/>In stock: 3960 pcs</div> <div>RFQ</div> |  <div><b>SPC58EE84E7QMSAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176L 24X24X1.4<br/>In stock: 3963 pcs</div> <div>RFQ</div>         |
|  <div><b>SPC57MINT176EMU</b><br/>Manufacturers: STMicroelectronics<br/>Description: EVALUATION SPC57MINT176<br/>In stock: 104 pcs</div> <div>RFQ</div>            |  <div><b>SPC582B-DIS</b><br/>Manufacturers: STMicroelectronics<br/>Description: DISCOVERY KIT FOR SPC582 B LINE<br/>In stock: 814 pcs</div> <div>RFQ</div>   |
|  <div><b>SPC57XXMB</b><br/>Manufacturers: STMicroelectronics<br/>Description: EVAL MOTHERBOARD SPC57 SPC58<br/>In stock: 104 pcs</div> <div>RFQ</div>             |  <div><b>SPC58EC80E7QMC0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLER<br/>In stock: 6817 pcs</div> <div>RFQ</div>             |
|  <div><b>SPC58EC80E1Q0C0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: TQFP 64 10X10X1.0 1.<br/>In stock: 4114 pcs</div> <div>RFQ</div>             |  <div><b>SPC58EC-DISP</b><br/>Manufacturers: STMicroelectronics<br/>Description: DISCOVERY KIT FOR SPC58EC - C LI<br/>In stock: 464 pcs</div> <div>RFQ</div> |