



SPC58EC80E5QMC0Y

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC58EC80E5QMC0Y                                                                                                      |
| Manufacturer/Brand: | STMicroelectronics                                                                                                    |
| Product description | 32-BIT POWER ARCHITECTURE MCU FO                                                                                      |
| Datasheets:         | <div><div>PDF</div><div>1.SPC58EC80E5QMC0Y.pdf</div></div> <div><div>PDF</div><div>2.SPC58EC80E5QMC0Y.pdf</div></div> |
| Stock Condition     | 3960 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

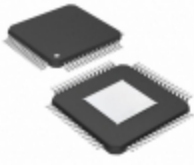
Specifications of SPC58EC80E5QMC0Y

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC58EC80E5QMC0Y                                                                                                      |
| MANUFACTURER                     | STMicroelectronics                                                                                                    |
| DESCRIPTION                      | 32-BIT POWER ARCHITECTURE MCU FO                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                       |
| QUANTITY AVAILABLE               | 3960 pcs                                                                                                              |
| DATA SHEET                       | <div><div>PDF</div><div>1.SPC58EC80E5QMC0Y.pdf</div></div> <div><div>PDF</div><div>2.SPC58EC80E5QMC0Y.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.3V, 5V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 144-QFP (20x20)                                                                                                       |
| 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                   | 144-TQFP                                                                                                              |
| OTHER NAMES                      | 497-18177                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                         |
| NUMBER OF I/O                    | 64                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| EEPROM SIZE                      | 128K x 8                                                                                                              |
| DETAILED DESCRIPTION             | e200z4d SPC58 C-Line Microcontroller IC 32-Bit Dual-Core 180MHz 4MB (4M x 8) FLASH 144-QFP (20x20)                    |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                                      |
| CORE PROCESSOR                   | e200z4d                                                                                                               |
| CONNECTIVITY                     | CANbus, Ethernet, FlexRay, I²C, LINbus, SPI                                                                           |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics SPC58EC80E5QMC0Y | SPC58EC80E5QMC0Y Distributor        | SPC58EC80E5QMC0Y Supplier               |
| SPC58EC80E5QMC0Y Price              | SPC58EC80E5QMC0Y Pictures           | SPC58EC80E5QMC0Y Image                  |
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| STMicroelectronics SPC58EC80E5QMC0Y |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>SPC58NE84C3QM HAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: FPBGA 17X17X1.8 292<br/>In stock: 3881 pcs</div><div>RFQ</div></div>        | <div><div><b>SPC58EC80E3QMC0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: TQFP 100 14X14X1.0 1<br/>In stock: 7084 pcs</div><div>RFQ</div></div>      |
| <div><div><b>SPC58NE80E7QM HAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176L 24X24X1.4<br/>In stock: 4071 pcs</div><div>RFQ</div></div>        | <div><div><b>SPC58EE84E7QMSAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176L 24X24X1.4<br/>In stock: 3963 pcs</div><div>RFQ</div></div>       |
| <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></div> | <div><div><b>SPC58EEMU</b><br/>Manufacturers: STMicroelectronics<br/>Description: EVALUATION SPC58E<br/>In stock: 85 pcs</div><div>RFQ</div></div>                  |
| <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>       | <div><div><b>SPC58EE80E7QM HAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176L 24X24X1.4<br/>In stock: 4231 pcs</div><div>RFQ</div></div>      |
| <div><div><b>SPC58EC80E7QMC0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLER<br/>In stock: 6817 pcs</div><div>RFQ</div></div>             | <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>      |
| <div><div><b>SPC58EC80C3QMC0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: MICROCONTROLLER<br/>In stock: 5327 pcs</div><div>RFQ</div></div>             | <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> |