



SPC564B70L7C9E0X

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC564B70L7C9E0X                                                                                                           |
| Manufacturer/Brand: | STMicroelectronics                                                                                                         |
| Product description | IC MCU 32BIT 2MB FLASH 176LQFP                                                                                             |
| Datasheets:         | <a href="#">1.SPC564B70L7C9E0X.pdf</a><br><a href="#">2.SPC564B70L7C9E0X.pdf</a><br><a href="#">3.SPC564B70L7C9E0X.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

Specifications of SPC564B70L7C9E0X

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC564B70L7C9E0X                                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 176LQFP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| DATA SHEET                       | <a href="#">1.SPC564B70L7C9E0X.pdf</a><br><a href="#">2.SPC564B70L7C9E0X.pdf</a><br><a href="#">3.SPC564B70L7C9E0X.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                                           |
| SPEED                            | 120MHz                                                                                                                     |
| SERIES                           | Automotive, AEC-Q100, SPC56                                                                                                |
| RAM SIZE                         | 160K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                      |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                                               |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                           |
| PACKAGE / CASE                   | 176-LQFP                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                         |
| NUMBER OF I/O                    | 147                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 50 Weeks                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| EEPROM SIZE                      | 64K x 8                                                                                                                    |
| DETAILED DESCRIPTION             | e200z4d Automotive, AEC-Q100, SPC56 Microcontroller IC 32-Bit 120MHz 2MB (2M x 8) FLASH 176-LQFP (24x24)                   |
| DATA CONVERTERS                  | A/D 27x10b, 5x12b                                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                                                     |
| CORE PROCESSOR                   | e200z4d                                                                                                                    |
| CONNECTIVITY                     | CANbus, LINbus, SPI, UART/USART                                                                                            |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics SPC564B70L7C9E0X | SPC564B70L7C9E0X Distributor        | SPC564B70L7C9E0X Supplier               |
| SPC564B70L7C9E0X Price              | SPC564B70L7C9E0X Pictures           | SPC564B70L7C9E0X Image                  |
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| STMicroelectronics SPC564B70L7C9E0X | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC564B70L7C9E0X |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC564B64L8C9E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SPC564B74L7B8E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>             |
|  <div><b>SPC564B64L7C9E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176 24X24X1.4<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>SPC564B64L8C9E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>             |
|  <div><b>SPC564B70L7B9ECX</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>SPC564B74L7B9ECX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 3MB FLASH 176LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SPC564B74B3C9E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>SPC564B70L7B9E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>             |
|  <div><b>SPC564B70L8B8E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 208 28X28X1.4 1<br/>In stock: Out stock<br/>RFQ</div>             |  <div><b>SPC564B64L7C8ECX</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>             |
|  <div><b>SPC564B74L7C8E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>SPC564B74B3B9E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 3MB FLASH 256LBGA<br/>In stock: Out stock<br/>RFQ</div> |