



SPC560B50L5C6E0X

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC560B50L5C6E0X                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                             |
| Datasheets:         |  1.SPC560B50L5C6E0X.pdf     |
|                     |  2.SPC560B50L5C6E0X.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16879 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SPC560B50L5C6E0X

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560B50L5C6E0X                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE               | 16879 pcs                                                                                                   |
| DATA SHEET                       |  1.SPC560B50L5C6E0X.pdf  |
|                                  |  2.SPC560B50L5C6E0X.pdf  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                            |
| SPEED                            | 64MHz                                                                                                       |
| SERIES                           | Automotive, AEC-Q100, SPC56                                                                                 |
| RAM SIZE                         | 32K x 8                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                       |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                            |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                            |
| PACKAGE / CASE                   | 144-LQFP                                                                                                    |
| OTHER NAMES                      | 497-11609-2                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                          |
| NUMBER OF I/O                    | 123                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| EEPROM SIZE                      | -                                                                                                           |
| DETAILED DESCRIPTION             | e200z0h Automotive, AEC-Q100, SPC56 Microcontroller IC 32-Bit 64MHz 512KB (512K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 36x10b                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                      |
| CORE PROCESSOR                   | e200z0h                                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                               |
| BASE PART NUMBER                 | SPC560B50                                                                                                   |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics SPC560B50L5C6E0X | SPC560B50L5C6E0X Distributor        | SPC560B50L5C6E0X Supplier               |
| SPC560B50L5C6E0X Price              | SPC560B50L5C6E0X Pictures           | SPC560B50L5C6E0X Image                  |
| SPC560B50L5C6E0X PDF Datasheet      | SPC560B50L5C6E0X Download Datasheet | SPC560B50L5C6E0X Datasheet              |
| SPC560B50L5C6E0X Stock              | Buy SPC560B50L5C6E0X                | Buy STMicroelectronics SPC560B50L5C6E0X |
| STMicroelectronics SPC560B50L5C6E0X | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC560B50L5C6E0X |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC560B50SK</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT STARTER BOLERO 512K<br/>In stock: 148 pcs<br/><div>RFQ</div></div>                 |  <div><b>SPC560B50L5C6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 15392 pcs<br/><div>RFQ</div></div> |
|  <div><b>SPC560B50L3C4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 28595 pcs<br/><div>RFQ</div></div> |  <div><b>SPC560B54L3B4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: 22771 pcs<br/><div>RFQ</div></div>               |
|  <div><b>SPC560B50L3C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 26955 pcs<br/><div>RFQ</div></div> |  <div><b>SPC560B54L3C6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 16829 pcs<br/><div>RFQ</div></div> |
|  <div><b>SPC560B50L5B4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 21233 pcs<br/><div>RFQ</div></div> |  <div><b>SPC560B50L3B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 26601 pcs<br/><div>RFQ</div></div> |
|  <div><b>SPC560B50L5B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: 21340 pcs<br/><div>RFQ</div></div>               |  <div><b>SPC560B50L3C6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 23310 pcs<br/><div>RFQ</div></div> |
|  <div><b>SPC560B54L3B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 18413 pcs<br/><div>RFQ</div></div> |  <div><b>SPC560B54L3C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 22266 pcs<br/><div>RFQ</div></div> |