



## SPC560B60L3B6E0X

|                      |                       |
|----------------------|-----------------------|
| Part Number:         | SPC560B60L3B6E0X      |
| Manufacturer/Brand:  | STMicroelectronics    |
| Product description: | AUTOMOTIVE DIGITAL    |
| Datasheets:          |                       |
| Ship From:           | Hong Kong             |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.













### Specifications of SPC560B60L3B6E0X

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560B60L3B6E0X                                                                                        |
| MANUFACTURER                     | STMicroelectronics                                                                                      |
| DESCRIPTION                      | AUTOMOTIVE DIGITAL                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                         |
| DATA SHEET                       |                                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                        |
| SPEED                            | 64MHz                                                                                                   |
| SERIES                           | Automotive, AEC-Q100, SPC56                                                                             |
| RAM SIZE                         | 80K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                            |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 100-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                      |
| NUMBER OF I/O                    | 77                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 50 Weeks                                                                                                |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | e200z0h Automotive, AEC-Q100, SPC56 Microcontroller IC 32-Bit 64MHz 1MB (1M x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 53x10/12b                                                                                           |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | e200z0h                                                                                                 |
| CONNECTIVITY                     | CANbus, I <sup>2</sup> C, LINbus, SCI, SPI, UART/USART                                                  |

### Related Tags

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### Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>SPC560B60L5C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |  <p><b>SPC560B54L5C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>SPC560B54L5B4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>               |  <p><b>SPC560B54L3C6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>SPC560B54L5B6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>SPC560B60L7B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |
|  <p><b>SPC560B60L5B6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |  <p><b>SPC560B54L5B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
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|  <p><b>SPC560B60L5B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |  <p><b>SPC560B54L5C6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |