



SPC560B54L5C6E0Y

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC560B54L5C6E0Y                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                     |
| Product description | IC MCU 32BIT 768KB FLASH 144LQFP                                                                                       |
| Datasheets:         |  <a href="#">SPC560B54L5C6E0Y.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 15070 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of SPC560B54L5C6E0Y

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560B54L5C6E0Y                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 768KB FLASH 144LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 15070 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">SPC560B54L5C6E0Y.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                         |
| SPEED                            | 64MHz                                                                                                                    |
| SERIES                           | Automotive, AEC-Q100, SPC56                                                                                              |
| RAM SIZE                         | 64K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 768KB (768K x 8)                                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 121                                                                                                                      |
| 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 768KB (768K x 8) FLASH 144-LQFP (20x20)              |
| DATA CONVERTERS                  | A/D 53x10/12b                                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | e200z0h                                                                                                                  |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI, UART/USART                                                                                |

Related Tags

|                                     |                                     |                                         |
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| STMicroelectronics SPC560B54L5C6E0Y | SPC560B54L5C6E0Y Distributor        | SPC560B54L5C6E0Y Supplier               |
| SPC560B54L5C6E0Y Price              | SPC560B54L5C6E0Y Pictures           | SPC560B54L5C6E0Y Image                  |
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| STMicroelectronics SPC560B54L5C6E0Y | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC560B54L5C6E0Y |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC560B60L5C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 14388 pcs<br/><div>RFQ</div></div>   |  <div><b>SPC560B60L5B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 13563 pcs<br/><div>RFQ</div></div>   |
|  <div><b>SPC560B54L5C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 13610 pcs<br/><div>RFQ</div></div> |  <div><b>SPC560B54L5B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 15773 pcs<br/><div>RFQ</div></div> |
|  <div><b>SPC560B60L3C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 22503 pcs<br/><div>RFQ</div></div>   |  <div><b>SPC560B54L5B6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 14313 pcs<br/><div>RFQ</div></div> |
|  <div><b>SPC560B60L3C6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 17074 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> |
|  <div><b>SPC560B60L3B6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: 22282 pcs<br/><div>RFQ</div></div>               |  <div><b>SPC560B54L5B4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: 14064 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>SPC560B60L5B6E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 15575 pcs<br/><div>RFQ</div></div>   |