



SPC560P54L5BEAAR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC560P54L5BEAAR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                     |
| Product description | IC MCU 32BIT 768KB FLASH 144LQFP                                                                                       |
| Datasheets:         |  <a href="#">SPC560P54L5BEAAR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 15781 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of SPC560P54L5BEAAR

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560P54L5BEAAR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 768KB FLASH 144LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 15781 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">SPC560P54L5BEAAR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 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, POR, PWM, WDT                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 80                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | 64K x 8                                                                                                                  |
| DETAILED DESCRIPTION             | e200z0h Automotive, AEC-Q100, SPC56 Microcontroller IC 32-Bit 64MHz 768KB (768K x 8) FLASH 144-LQFP (20x20)              |
| DATA CONVERTERS                  | A/D 26x10b                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | e200z0h                                                                                                                  |
| CONNECTIVITY                     | CANbus, LINbus, SPI, UART/USART                                                                                          |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics SPC560P54L5BEAAR | SPC560P54L5BEAAR Distributor        | SPC560P54L5BEAAR Supplier               |
| SPC560P54L5BEAAR Price              | SPC560P54L5BEAAR Pictures           | SPC560P54L5BEAAR Image                  |
| SPC560P54L5BEAAR PDF Datasheet      | SPC560P54L5BEAAR Download Datasheet | SPC560P54L5BEAAR Datasheet              |
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| STMicroelectronics SPC560P54L5BEAAR | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC560P54L5BEAAR |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC560P50L5CEFBY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 14365 pcs<br/>RFQ</div> |  <div><b>SPC560P54L5BEABY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 15711 pcs<br/>RFQ</div> |
|  <div><b>SPC560P54L5BEABR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 16434 pcs<br/>RFQ</div> |  <div><b>SPC560P50L5CEFBR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 12213 pcs<br/>RFQ</div> |
|  <div><b>SPC560P50L5CEFAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 19392 pcs<br/>RFQ</div> |  <div><b>SPC560P54L3BEABY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 20109 pcs<br/>RFQ</div> |
|  <div><b>SPC560P54L5CEAAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 16667 pcs<br/>RFQ</div> |  <div><b>SPC560P54L5CEAAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 15526 pcs<br/>RFQ</div> |
|  <div><b>SPC560P54L3BEABR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 20119 pcs<br/>RFQ</div> |  <div><b>SPC560P50L5CEFAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 15798 pcs<br/>RFQ</div> |
|  <div><b>SPC560P54L5BEAAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 16018 pcs<br/>RFQ</div> |  <div><b>SPC560P54L5CEFAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 13766 pcs<br/>RFQ</div> |