



STMicroelectronics



Part Number:SPC560B54L3C6E0Y

Manufacturer/Brand:STMicroelectronics

Product description:IC MCU 32BIT 768KB FLASH 100LQFP

 1.SPC560B54L3C6E0Y.pdf

 2.SPC560B54L3C6E0Y.pdf

 3.SPC560B54L3C6E0Y.pdf

Datasheets:

 1.SPC560B54L3C6E0Y.pdf

 2.SPC560B54L3C6E0Y.pdf

 3.SPC560B54L3C6E0Y.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition16829 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SPC560B54L3C6E0Y

|                                  |                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560B54L3C6E0Y                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 768KB FLASH 100LQFP                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 16829 pcs                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       | <div> 1.SPC560B54L3C6E0Y.pdf</div> <div> 2.SPC560B54L3C6E0Y.pdf</div> <div> 3.SPC560B54L3C6E0Y.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                                                                                                                                                                                                                                                  |
| 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                   | 100-LQFP                                                                                                                                                                                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 77                                                                                                                                                                                                                                                                                                                                                                |
| 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 100-LQFP (14x14)                                                                                                                                                                                                                                                       |
| 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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Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>SPC560B60L3B6E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: AUTOMOTIVE DIGITAL</div><div>In stock: 22282 pcs</div><div>RFQ</div></div>               | <div><div>SPC560B54L3B4E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: AUTOMOTIVE DIGITAL</div><div>In stock: 22771 pcs</div><div>RFQ</div></div>               |
| <div><div>SPC560B54L3B6E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 768KB FLASH 100LQFP</div><div>In stock: 18413 pcs</div><div>RFQ</div></div> | <div><div>SPC560B54L3C6E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 768KB FLASH 100LQFP</div><div>In stock: 22266 pcs</div><div>RFQ</div></div> |
| <div><div>SPC560B54L5B6E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 768KB FLASH 144LQFP</div><div>In stock: 15773 pcs</div><div>RFQ</div></div> | <div><div>SPC560B54L5C6E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 768KB FLASH 144LQFP</div><div>In stock: 13610 pcs</div><div>RFQ</div></div> |
| <div><div>SPC560B54L5B4E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: AUTOMOTIVE DIGITAL</div><div>In stock: 14064 pcs</div><div>RFQ</div></div>               | <div><div>SPC560B54L5C6E0Y</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 768KB FLASH 144LQFP</div><div>In stock: 15070 pcs</div><div>RFQ</div></div> |
| <div><div>SPC560B50SK</div><div>Manufacturers: STMicroelectronics</div><div>Description: KIT STARTER BOLERO 512K</div><div>In stock: 148 pcs</div><div>RFQ</div></div>                 | <div><div>SPC560B54L5B6E0Y</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 768KB FLASH 144LQFP</div><div>In stock: 14313 pcs</div><div>RFQ</div></div> |
| <div><div>SPC560B50L5C6E0Y</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 512KB FLASH 144LQFP</div><div>In stock: 15392 pcs</div><div>RFQ</div></div> | <div><div>SPC560B50L5C6E0X</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 512KB FLASH 144LQFP</div><div>In stock: 16879 pcs</div><div>RFQ</div></div> |