



STMicroelectronics



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC560D40L1C4E0Y                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                              |
| Datasheets:         |  1.SPC560D40L1C4E0Y.pdf     |
|                     |  2.SPC560D40L1C4E0Y.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

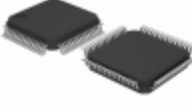
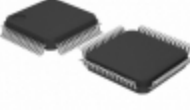
Specifications of SPC560D40L1C4E0Y

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560D40L1C4E0Y                                                                                                                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.SPC560D40L1C4E0Y.pdf<br> 2.SPC560D40L1C4E0Y.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                                                                                                                          |
| SPEED                            | 48MHz                                                                                                                                                                                                                    |
| SERIES                           | Automotive, AEC-Q100, SPC56                                                                                                                                                                                              |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 45                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 50 Weeks                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | e200z0h Automotive, AEC-Q100, SPC56 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)                                                                                                               |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | e200z0h                                                                                                                                                                                                                  |
| CONNECTIVITY                     | CANbus, LINbus, SPI, UART/USART                                                                                                                                                                                          |
| BASE PART NUMBER                 | SPC560D40                                                                                                                                                                                                                |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics SPC560D40L1C4E0Y | SPC560D40L1C4E0Y Distributor        | SPC560D40L1C4E0Y Supplier               |
| SPC560D40L1C4E0Y Price              | SPC560D40L1C4E0Y Pictures           | SPC560D40L1C4E0Y Image                  |
| SPC560D40L1C4E0Y PDF Datasheet      | SPC560D40L1C4E0Y Download Datasheet | SPC560D40L1C4E0Y Datasheet              |
| SPC560D40L1C4E0Y Stock              | Buy SPC560D40L1C4E0Y                | Buy STMicroelectronics SPC560D40L1C4E0Y |
| STMicroelectronics SPC560D40L1C4E0Y | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC560D40L1C4E0Y |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC560D40L3C4E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SPC560D30L3B4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SPC560D40L1B4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SPC560P-DISP</b><br/>Manufacturers: STMicroelectronics<br/>Description: DISCOVERY KIT W/SPC560P50L5 MCU<br/>In stock: 9 pcs<br/>RFQ</div>          |
|  <div><b>SPC560D40L1B3E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SPC560D40L3B3E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>               |
|  <div><b>SPC560D40L3B4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>SPC560D40L3B3E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SPC560D40L3C4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SPC560D40L1C3E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>               |
|  <div><b>SPC560D40L1C4E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SPC560D40L1C3E0Y</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/>RFQ</div>               |