



SPC56EL60L5CBFSY

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC56EL60L5CBFSY                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 1MB FLASH 144LQFP                                                                               |
|                     |  1.SPC56EL60L5CBFSY.pdf     |
|                     |  2.SPC56EL60L5CBFSY.pdf     |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 8439 pcs stock                                                                                               |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of SPC56EL60L5CBFSY

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC56EL60L5CBFSY                                                                                                                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 144LQFP                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 8439 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.SPC56EL60L5CBFSY.pdf<br> 2.SPC56EL60L5CBFSY.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.63 V                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                                                                                                                         |
| SPEED                            | 120MHz                                                                                                                                                                                                                   |
| SERIES                           | Automotive, AEC-Q100, SPC56xL                                                                                                                                                                                            |
| RAM SIZE                         | 128K x 8                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                                                                                                                             |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                 |
| OTHER NAMES                      | 497-13566                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 96                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | e200z4d Automotive, AEC-Q100, SPC56xL Microcontroller IC 32-Bit Dual-Core 120MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)                                                                                                     |
| DATA CONVERTERS                  | A/D 32x12b                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                                                                                                                                         |
| CORE PROCESSOR                   | e200z4d                                                                                                                                                                                                                  |
| CONNECTIVITY                     | CANbus, LINbus, SCI, SPI, UART/USART                                                                                                                                                                                     |
| BASE PART NUMBER                 | SPC56EL60                                                                                                                                                                                                                |

Related Tags

|                                     |                                     |                                         |
|-------------------------------------|-------------------------------------|-----------------------------------------|
| STMicroelectronics SPC56EL60L5CBFSY | SPC56EL60L5CBFSY Distributor        | SPC56EL60L5CBFSY Supplier               |
| SPC56EL60L5CBFSY Price              | SPC56EL60L5CBFSY Pictures           | SPC56EL60L5CBFSY Image                  |
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| STMicroelectronics SPC56EL60L5CBFSY | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC56EL60L5CBFSY |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC56EL60L5CBOSR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 8967 pcs<br/><div>RFQ</div></div>   |  <div><b>SPC56EL60L5CBFQY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9547 pcs<br/><div>RFQ</div></div>   |
|  <div><b>SPC56EL70L3CBFSR</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: 6575 pcs<br/><div>RFQ</div></div>               |  <div><b>SPC56EL60L5CCOSR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 10606 pcs<br/><div>RFQ</div></div>  |
|  <div><b>SPC56EL60L5CBOSY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 7963 pcs<br/><div>RFQ</div></div>   |  <div><b>SPC56EL60L5CBFSR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9396 pcs<br/><div>RFQ</div></div>   |
|  <div><b>SPC56EL64L5CBFSY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 6213 pcs<br/><div>RFQ</div></div> |  <div><b>SPC56EL64L5CBFSR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 7127 pcs<br/><div>RFQ</div></div> |
|  <div><b>SPC56EL60L5CBFQR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9762 pcs<br/><div>RFQ</div></div>   |  <div><b>SPC56EL60L5BBFQR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9081 pcs<br/><div>RFQ</div></div>   |
|  <div><b>SPC56EL60L3CCFSR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 10512 pcs<br/><div>RFQ</div></div>  |  <div><b>SPC56EL60L5BBFQY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 7753 pcs<br/><div>RFQ</div></div>   |