



SPC560P40L3BEFBR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC560P40L3BEFBR                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 256KB FLASH 100LQFP                                                                             |
| Datasheets:         |  SPC560P40L3BEFBR.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 31089 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 SPC560P40L3BEFBR

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560P40L3BEFBR                                                                                            |
| MANUFACTURER                     | STMicroelectronics                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100LQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE               | 31089 pcs                                                                                                   |
| DATA SHEET                       |  SPC560P40L3BEFBR.pdf    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                            |
| SPEED                            | 64MHz                                                                                                       |
| SERIES                           | Automotive, AEC-Q100, SPC56                                                                                 |
| RAM SIZE                         | 20K x 8                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                       |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                            |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                            |
| PACKAGE / CASE                   | 100-LQFP                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                          |
| NUMBER OF I/O                    | 64                                                                                                          |
| 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 256KB (256K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                      |
| CORE PROCESSOR                   | e200z0h                                                                                                     |
| CONNECTIVITY                     | CANbus, LINbus, SPI, UART/USART                                                                             |
| BASE PART NUMBER                 | SPC560P40                                                                                                   |

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|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |
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| <div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 24507 pcs</div><div>RFQ</div></div> | <div><div>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 22458 pcs</div><div>RFQ</div></div> |
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