



SPC560P44L5CEFAY

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC560P44L5CEFAY                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 384KB FLASH 144LQFP                                                                             |
| Datasheets:         |  1.SPC560P44L5CEFAY.pdf     |
|                     |  2.SPC560P44L5CEFAY.pdf     |
|                     |  3.SPC560P44L5CEFAY.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16830 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SPC560P44L5CEFAY

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC560P44L5CEFAY                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 144LQFP                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 16830 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.SPC560P44L5CEFAY.pdf<br> 2.SPC560P44L5CEFAY.pdf<br> 3.SPC560P44L5CEFAY.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                                                                                                                                                                                                                                       |
| SPEED                            | 64MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | SPC56                                                                                                                                                                                                                                                                                                                                  |
| RAM SIZE                         | 36K x 8                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 SPC56 Microcontroller IC 32-Bit 64MHz 384KB (384K 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 SPC560P44L5CEFAY | SPC560P44L5CEFAY Distributor        | SPC560P44L5CEFAY Supplier               |
| SPC560P44L5CEFAY Price              | SPC560P44L5CEFAY Pictures           | SPC560P44L5CEFAY Image                  |
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| STMicroelectronics SPC560P44L5CEFAY | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC560P44L5CEFAY |                                     |                                         |

Related Products

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|  <div><b>SPC560P44L5CEFBY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 144LQFP<br/>In stock: 13140 pcs<br/>RFQ</div> |  <div><b>SPC560P44L3CEABR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 23851 pcs<br/>RFQ</div> |
|  <div><b>SPC560P50L3BEABY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 20496 pcs<br/>RFQ</div> |  <div><b>SPC560P50L3B1ABR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 21447 pcs<br/>RFQ</div> |
|  <div><b>SPC560P44L3CEFAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 22163 pcs<br/>RFQ</div> |  <div><b>SPC560P50L3BEABR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 25892 pcs<br/>RFQ</div> |
|  <div><b>SPC560P44L5CEFAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 144LQFP<br/>In stock: 16563 pcs<br/>RFQ</div> |  <div><b>SPC560P44L3CEABY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 20194 pcs<br/>RFQ</div> |
|  <div><b>SPC560P44L3CEFAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 21142 pcs<br/>RFQ</div> |  <div><b>SPC560P44L3BEAAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 20343 pcs<br/>RFQ</div> |
|  <div><b>SPC560P50L3B1ABY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 17842 pcs<br/>RFQ</div> |  <div><b>SPC560P44L5CEFBR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 384KB FLASH 144LQFP<br/>In stock: 16486 pcs<br/>RFQ</div> |