



SPC56AP54L5BEFAR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC56AP54L5BEFAR                                                                                             |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 768KB FLASH 144LQFP                                                                             |
| Datasheets:         |  1.SPC56AP54L5BEFAR.pdf     |
|                     |  2.SPC56AP54L5BEFAR.pdf     |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

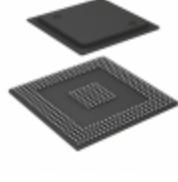
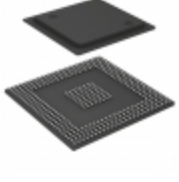
Specifications of SPC56AP54L5BEFAR

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC56AP54L5BEFAR                                                                                                                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 768KB FLASH 144LQFP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.SPC56AP54L5BEFAR.pdf<br> 2.SPC56AP54L5BEFAR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                                                                                                                         |
| SPEED                            | 64MHz                                                                                                                                                                                                                    |
| SERIES                           | SPC56                                                                                                                                                                                                                    |
| RAM SIZE                         | 64K x 8                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 768KB (768K x 8)                                                                                                                                                                                                         |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 768KB (768K 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 SPC56AP54L5BEFAR | SPC56AP54L5BEFAR Distributor        | SPC56AP54L5BEFAR Supplier               |
| SPC56AP54L5BEFAR Price              | SPC56AP54L5BEFAR Pictures           | SPC56AP54L5BEFAR Image                  |
| SPC56AP54L5BEFAR PDF Datasheet      | SPC56AP54L5BEFAR Download Datasheet | SPC56AP54L5BEFAR Datasheet              |
| SPC56AP54L5BEFAR Stock              | Buy SPC56AP54L5BEFAR                | Buy STMicroelectronics SPC56AP54L5BEFAR |
| STMicroelectronics SPC56AP54L5BEFAR | STMicroelectronics Supplier         | STMicroelectronics Distributor          |
| STMicroelectronics SPC56AP54L5BEFAR |                                     |                                         |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC56AP54L5CEFAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>             |  <div><b>SPC56AP54L3BEFBY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>         |
|  <div><b>SPC5676RDK3MVU1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>SPC5676RDK3MVU1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 6MB FLASH 416BGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SPC5675KFF0VMS2R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 473MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SPC56AP60L3BEABR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>           |
|  <div><b>SPC56AP60L3BEAAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>SPC56AP60L3BEAAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>           |
|  <div><b>SPC5676RDK3MVY1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 6MB FLASH 516FBGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>SPC56AP54L3BEFBR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>         |
|  <div><b>SPC56AP54L5BEFAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>             |  <div><b>SPC56AP54L5CEFAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>         |