



SPC563M64L5COAY

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC563M64L5COAY                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                    |
| Product description | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                                                      |
| Datasheets:         |  <a href="#">SPC563M64L5COAY.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 11840 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

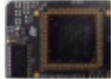
Specifications of SPC563M64L5COAY

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC563M64L5COAY                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 11840 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">SPC563M64L5COAY.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.14 V ~ 1.32 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                        |
| SPEED                            | 80MHz                                                                                                                   |
| SERIES                           | Automotive, AEC-Q100, SPC56                                                                                             |
| RAM SIZE                         | 94K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 1.5MB (1.5M 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                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | e200z3 Automotive, AEC-Q100, SPC56 Microcontroller IC 32-Bit 80MHz 1.5MB (1.5M x 8) FLASH 144-LQFP (20x20)              |
| DATA CONVERTERS                  | A/D 32x12b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | e200z3                                                                                                                  |
| CONNECTIVITY                     | CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART                                                                           |
| BASE PART NUMBER                 | SPC563M64                                                                                                               |

Related Tags

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| STMicroelectronics SPC563M64L5COAY | SPC563M64L5COAY Distributor        | SPC563M64L5COAY Supplier               |
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| STMicroelectronics SPC563M64L5COAY |                                    |                                        |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC563M64L7COBY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: 10392 pcs<br/><b>RFQ</b></div> |  <div><b>SPC563M64L5COAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 12151 pcs<br/><b>RFQ</b></div> |
|  <div><b>SPC563M64CAL144</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT EVAL MINI MODULE SPC563<br/>In stock: 82 pcs<br/><b>RFQ</b></div>         |  <div><b>SPC563M64AVB144</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT EVAL MINI MODULE SPC563<br/>In stock: 174 pcs<br/><b>RFQ</b></div>        |
|  <div><b>SPC563M64CAL176</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT EVAL MINI MODULE SPC563<br/>In stock: 95 pcs<br/><b>RFQ</b></div>         |  <div><b>SPC563M64A176S</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT EVAL MINI MODULE SPC563<br/>In stock: 209 pcs<br/><b>RFQ</b></div>         |
|  <div><b>SPC563M64L5COBR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 10322 pcs<br/><b>RFQ</b></div> |  <div><b>SPC563M64L7COAY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: 11981 pcs<br/><b>RFQ</b></div> |
|  <div><b>SPC563M64L7COBR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: 10053 pcs<br/><b>RFQ</b></div> |  <div><b>SPC563M64L7COAR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: 10153 pcs<br/><b>RFQ</b></div> |
|  <div><b>SPC563M64AVB176</b><br/>Manufacturers: STMicroelectronics<br/>Description: KIT EVAL MINI MODULE SPC563<br/>In stock: 163 pcs<br/><b>RFQ</b></div>        |  <div><b>SPC563M64L5COBY</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 9711 pcs<br/><b>RFQ</b></div>  |