



STR912FAW44X6T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STR912FAW44X6T                                                                                               |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 128LQFP                                                                             |
| Datasheets:         |  STR912FAW44X6T.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6851 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

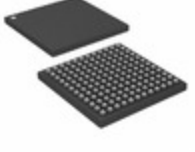
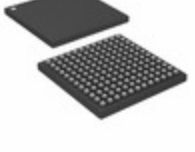
Specifications of STR912FAW44X6T

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STR912FAW44X6T                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 128LQFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 6851 pcs                                                                                               |
| DATA SHEET                       |  STR912FAW44X6T.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 2 V                                                                                           |
| SPEED                            | 96MHz                                                                                                  |
| SERIES                           | STR9                                                                                                   |
| RAM SIZE                         | 96K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                   | 128-LQFP                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°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             | ARM9® STR9 Microcontroller IC 32-Bit 96MHz 512KB (512K x 8) FLASH                                      |
| DATA CONVERTERS                  | A/D 8x10b                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                 |
| CORE PROCESSOR                   | ARM9®                                                                                                  |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB                        |
| BASE PART NUMBER                 | STR91*F                                                                                                |

Related Tags

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| STMicroelectronics STR912FAW44X6T | STR912FAW44X6T Distributor        | STR912FAW44X6T Supplier               |
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Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>STR912FAW42X6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 128LQFP<br/>In stock: 6517 pcs<br/><div>RFQ</div></div>  |  <div><b>STR911FM44X6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br/>In stock: 5839 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STR912FAW46X6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 128LQFP<br/>In stock: 6424 pcs<br/><div>RFQ</div></div>    |  <div><b>STR912-D/RAIS</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD DAUGHTER FOR STR7/9<br/>In stock: 671 pcs<br/><div>RFQ</div></div>         |
|  <div><b>STR912FAZ44H6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLSH 144LFBGA<br/>In stock: 5904 pcs<br/><div>RFQ</div></div>  |  <div><b>STR911FM42X6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 7355 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STR912FAZ42H6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLSH 144LFBGA<br/>In stock: 11540 pcs<br/><div>RFQ</div></div> |  <div><b>STR912FAW32X6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 128LQFP<br/>In stock: 3070 pcs<br/><div>RFQ</div></div> |
|  <div><b>STR912FAW47X6T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 128LQFP<br/>In stock: 5913 pcs<br/><div>RFQ</div></div>   |  <div><b>STR912FAW47X6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 2MB FLASH 128LQFP<br/>In stock: 4131 pcs<br/><div>RFQ</div></div>   |
|  <div><b>STR912FAW46X6T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 1MB FLASH 128LQFP<br/>In stock: 2960 pcs<br/><div>RFQ</div></div>   |  <div><b>STR912FAW44X6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 128LQFP<br/>In stock: 5656 pcs<br/><div>RFQ</div></div> |