



STM8AF6213PCAX

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM8AF6213PCAX                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                   |
| Product description | IC MCU 8BIT 4KB FLASH 20TSSOP                                                                                        |
| Datasheets:         |  <a href="#">STM8AF6213PCAX.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 134969 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of STM8AF6213PCAX

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM8AF6213PCAX                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 20TSSOP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 134969 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">STM8AF6213PCAX.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 20-TSSOP                                                                                                               |
| SPEED                            | 16MHz                                                                                                                  |
| SERIES                           | Automotive, AEC-Q100, STM8A                                                                                            |
| RAM SIZE                         | 1K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 20-TSSOP (0.173", 4.40mm Width)                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 16                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 640 x 8                                                                                                                |
| DETAILED DESCRIPTION             | STM8A Automotive, AEC-Q100, STM8A Microcontroller IC 8-Bit 16MHz 4KB (4K x 8) FLASH 20-TSSOP                           |
| DATA CONVERTERS                  | A/D 7x10b                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | STM8A                                                                                                                  |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                           |

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Related Products

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|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>life.augmented</div> | <b>STM8AF52AATCX</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br>In stock: 35798 pcs<br><div>RFQ</div>  |  <div>life.augmented</div> | <b>STM8AF52AATDY</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br>In stock: 23210 pcs<br><div>RFQ</div>  |
|  <div>life.augmented</div> | <b>STM8AF52AATAX</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br>In stock: 35604 pcs<br><div>RFQ</div>  |  <div>life.augmented</div> | <b>STM8AF52AATCY</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br>In stock: 26525 pcs<br><div>RFQ</div>  |
|                            | <b>STM8AF6213PCX</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br>In stock: 164973 pcs<br><div>RFQ</div>  |  <div>life.augmented</div> | <b>STM8AF52AATAY</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 128KB FLASH 80LQFP<br>In stock: 28211 pcs<br><div>RFQ</div>  |
|                            | <b>STM8AF6213PCU</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br>In stock: 58074 pcs<br><div>RFQ</div>   |                            | <b>STM8AF6213PDU</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 4MB FLASH 20TSSOP<br>In stock: 131376 pcs<br><div>RFQ</div>  |
|                            | <b>STM8AF6213PCAU</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 4KB FLASH 20TSSOP<br>In stock: 124241 pcs<br><div>RFQ</div> |                            | <b>STM8AF6223IPCX</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 4MB FLASH 20TSSOP<br>In stock: 123398 pcs<br><div>RFQ</div> |
|                            | <b>STM8AF6223IPCU</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 4MB FLASH 20TSSOP<br>In stock: 137561 pcs<br><div>RFQ</div> |                            | <b>STM8AF6223PAAU</b><br>Manufacturers: STMicroelectronics<br>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br>In stock: 113895 pcs<br><div>RFQ</div> |