



STM32F723IET6

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STM32F723IET6                                                                                                                          |
| Manufacturer/Brand: | STMicroelectronics                                                                                                                     |
| Product description | IC MCU 32BIT 512KB FLASH 176LQFP                                                                                                       |
| Datasheets:         | <div><div>PDF</div>1.STM32F723IET6.pdf</div> <div><div>PDF</div>2.STM32F723IET6.pdf</div> <div><div>PDF</div>3.STM32F723IET6.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                   |
| Stock Condition     | 9054 pcs stock                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                  |

REQUEST FOR QUOTATION

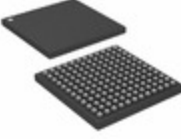
Specifications of STM32F723IET6

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STM32F723IET6                                                                                                                          |
| MANUFACTURER                     | STMicroelectronics                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 176LQFP                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| QUANTITY AVAILABLE               | 9054 pcs                                                                                                                               |
| DATA SHEET                       | <div><div>PDF</div>1.STM32F723IET6.pdf</div> <div><div>PDF</div>2.STM32F723IET6.pdf</div> <div><div>PDF</div>3.STM32F723IET6.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                                                       |
| SPEED                            | 216MHz                                                                                                                                 |
| SERIES                           | STM32F7                                                                                                                                |
| RAM SIZE                         | 256K x 8                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                                                   |
| PACKAGE / CASE                   | 176-LQFP                                                                                                                               |
| OTHER NAMES                      | 497-17187<br>STM32F723IET6-ND                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                      |
| NUMBER OF I/O                    | 138                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 512KB (512K x 8) FLASH 176-LQFP (24x24)                                       |
| DATA CONVERTERS                  | A/D 24x12b, D/A 2x12b                                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M7                                                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB                                               |

Related Tags

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Related Products

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| <div></div> <div><b>STM32F723ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 7550 pcs</div> <div>RFQ</div>                           | <div><div>life.augmented</div></div> <div><b>STM32F723IEK6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 176BGA<br/>In stock: 6783 pcs</div> <div>RFQ</div>    |
| <div><div>life.augmented</div></div> <div><b>STM32F723IET7</b><br/>Manufacturers: STMicroelectronics<br/>Description: LQFP 176 24X24X1.4<br/>In stock: 8108 pcs</div> <div>RFQ</div>                | <div><div>life.augmented</div></div> <div><b>STM32F723VEY6TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 100CSP<br/>In stock: 16261 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>STM32F723ZEI6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144BGA<br/>In stock: 6741 pcs</div> <div>RFQ</div>                            | <div><div>life.augmented</div></div> <div><b>STM32F722ZET6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 12199 pcs</div> <div>RFQ</div>  |
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| <div><div>life.augmented</div></div> <div><b>STM32F722ZET6U</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 9662 pcs</div> <div>RFQ</div> | <div><div>life.augmented</div></div> <div><b>STM32F722ZCT6</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 12485 pcs</div> <div>RFQ</div>  |