



STMicroelectronics



STM32F373CBT7

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Part Number:        | STM32F373CBT7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product description | IC MCU 32BIT 128KB FLASH 48LQFP <div> 1.STM32F373CBT7.pdf</div> <div> 2.STM32F373CBT7.pdf</div> <div> 3.STM32F373CBT7.pdf</div> <div> 4.STM32F373CBT7.pdf</div> |
| Datasheets:         | <div> Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                                                                             |
| RoHs Status         | 34590 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Stock Condition     | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

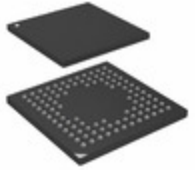
Specifications of STM32F373CBT7

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| PART NUMBER                      | STM32F373CBT7                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | STMicroelectronics                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 48LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 34590 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.STM32F373CBT7.pdf</div> <div> 2.STM32F373CBT7.pdf</div> <div> 3.STM32F373CBT7.pdf</div> <div> 4.STM32F373CBT7.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 72MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | STM32F3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 24K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PERIPHERALS                      | DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OTHER NAMES                      | 497-16750                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 STM32F3 Microcontroller IC 32-Bit 72MHz 128KB (128K x 8) FLASH 48-LQFP (7x7)                                                                                                                                                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 1x12b, 3x16b, D/A 3x12b                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                             |

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Related Products

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| <div><div>STM32F372VBT6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 128KB FLASH 100LQFP</div><div>In stock: 15605 pcs</div><div>RFQ</div></div>  | <div><div>STM32F373C8T6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div><div>In stock: 23620 pcs</div><div>RFQ</div></div>   |
| <div><div>STM32F373CCT6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 256KB FLASH 48LQFP</div><div>In stock: 19031 pcs</div><div>RFQ</div></div>   | <div><div>STM32F373R8T6TR</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div><div>In stock: 38429 pcs</div><div>RFQ</div></div> |
| <div><div>STM32F373CCT7</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 256KB FLASH 48LQFP</div><div>In stock: 33701 pcs</div><div>RFQ</div></div>   | <div><div>STM32F373R8T6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div><div>In stock: 36312 pcs</div><div>RFQ</div></div>   |
| <div><div>STM32F373CBT6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 128KB FLASH 48LQFP</div><div>In stock: 18651 pcs</div><div>RFQ</div></div>   | <div><div>STM32F373C8T6TR</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div><div>In stock: 34201 pcs</div><div>RFQ</div></div> |
| <div><div>STM32F373CCT6TR</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 256KB FLASH 48LQFP</div><div>In stock: 26346 pcs</div><div>RFQ</div></div> | <div><div>STM32F372VCT6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 256KB FLASH 100LQFP</div><div>In stock: 13209 pcs</div><div>RFQ</div></div> |
| <div><div>STM32F372VCH6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 256KB FLASH 100BGA</div><div>In stock: 11651 pcs</div><div>RFQ</div></div>   | <div><div>STM32F373RBT6</div><div>Manufacturers: STMicroelectronics</div><div>Description: IC MCU 32BIT 128KB FLASH 64LQFP</div><div>In stock: 19089 pcs</div><div>RFQ</div></div>  |