

**STMicroelectronics**

### STM32F303CBT7

Part Number: STM32F303CBT7  
 Manufacturer/Brand: STMicroelectronics  
 Product description: IC MCU 32BIT 128KB FLASH 48LQFP  
 Datasheets:  
 1. STM32F303CBT7.pdf  
 2. STM32F303CBT7.pdf  
 3. STM32F303CBT7.pdf  
 4. STM32F303CBT7.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 16819 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of STM32F303CBT7

PART NUMBER	STM32F303CBT7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 128KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16819 pcs
DATA SHEET	<a href="#">1. STM32F303CBT7.pdf</a> <a href="#">2. STM32F303CBT7.pdf</a> <a href="#">3. STM32F303CBT7.pdf</a> <a href="#">4. STM32F303CBT7.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	72MHz
SERIES	STM32F3
RAM SIZE	40K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OTHER NAMES	497-17422 STM32F303CBT7-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	37
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 15x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	STM32F303

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<p><b>STM32F303CCT6</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 48LQFP                  In stock: 16182 pcs  <b>RFQ</b></p>	<p><b>STM32F303CBT6TR</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 128KB FLASH 48LQFP                  In stock: 31367 pcs  <b>RFQ</b></p>
<p><b>STM32F303CCT7</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 48LQFP                  In stock: 28111 pcs  <b>RFQ</b></p>	<p><b>STM32F303CBT6</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 128KB FLASH 48LQFP                  In stock: 19140 pcs  <b>RFQ</b></p>
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