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STMicroelectronics

STM32F100C6T6BTR

Part Number:	STM32F100C6T6BTR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 48LQFP
Datasheets:	📄 STM32F100C6T6BTR.pdf
RoHs Status	✅ Lead free / RoHS Compliant
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 STM32F100C6T6BTR

PART NUMBER	STM32F100C6T6BTR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	📄 STM32F100C6T6BTR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	24MHz
SERIES	STM32F1
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-LQFP
OTHER NAMES	497-17368-2 STM32F100C6T6BTR-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	37
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 STM32F1 Microcontroller IC 32-Bit 24MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 10x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F100

Related Tags

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Related Products

STM32F100C8T7B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F100C8T6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F100C4T6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F100C8T7BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F100C6T7B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F0DISCOVERY
Manufacturers: STMicroelectronics
Description: KIT STM32F0 DISCOVERY
In stock: 287 pcs
RFQ

STM32F100C4T7B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F100C4T6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F098VCT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 100LQFP
In stock: Out stock
RFQ

STM32F100C6T6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F100C8T6BTR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F100CBT6B
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 128KB FLASH 48LQFP
In stock: Out stock
RFQ

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