


## STM32F091VCT6U

Part Number:	STM32F091VCT6U
Manufacturer/Brand:	STMicroelectronics
Product description:	IC MCU 32BIT 256KB FLASH 100LQFP
Datasheets:	<a href="#">1.STM32F091VCT6U.pdf</a> <a href="#">2.STM32F091VCT6U.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

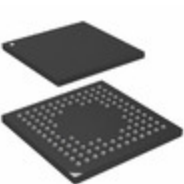

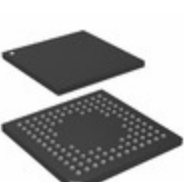








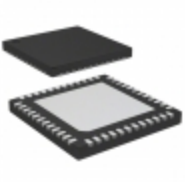
### Specifications of STM32F091VCT6U

PART NUMBER	STM32F091VCT6U
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.STM32F091VCT6U.pdf</a> <a href="#">2.STM32F091VCT6U.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	88
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 19x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART

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 <p><b>STM32F091VCH7</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 100BGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>STM32F091VCT7TR</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 100LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>STM32F091RCY7TR</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 64WLCS                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>STM32F098RCH6</b>                  Manufacturers: STMicroelectronics                  Description: IC MCU 32BIT 256KB FLASH 64BGA                  In stock: Out stock  <a href="#">RFQ</a></p>
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