



### STM32F358VCT6

Part Number:	STM32F358VCT6
Manufacturer/Brand:	STMicroelectronics
Product description:	IC MCU 32BIT 256KB FLASH 100LQFP
Datasheets:	<a href="#">STM32F358VCT6.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	14670 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 STM32F358VCT6

PART NUMBER	STM32F358VCT6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14670 pcs
DATA SHEET	<a href="#">STM32F358VCT6.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 1.95 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	72MHz
SERIES	STM32F3
RAM SIZE	8K 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
OTHER NAMES	497-13630 STM32F313VCT6
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	86
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F STM32F3 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 4x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F313

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