

STM32F378VCT6	
Part Number	STM32F378VCT6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 256KB FLASH 100LQFP
Quantity Available	500 pcs in stock
Datasheets	STM32F378VCT6.pdf
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Technical Information of STM32F378VCT6			
Manufacturer Part Number	STM32F378VCT6	Category	Integrated Circuits (ICs)
Manufacturer	STMicroelectronics	Description	IC MCU 32BIT 256KB FLASH 100LQFP
Package / Case	Tray	Quantity Available	500
Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V	Supplier Device Package	100-LQFP (14x14)
Speed	72MHz	Series	STM32F3
RAM Size	32K x 8	Program Memory Type	FLASH
Program Memory Size	256KB (256K x 8)	Peripherals	DMA, POR, PWM, WDT
Packaging	Tray	Package / Case	100-LQFP
Other Names	STM32F383VCT6 STM32F383VCT6-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	83
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®-M4F STM32F3 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 16x12b, 21x16b, D/A 3x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CANbus, HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART	Base Part Number	STM32F383

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Related parts for STM32F378VCT6				
Image	Part Number	Description	Manufacturer	Quantity
	STM32F401CBU7	IC MCU 32BIT 128KB FLASH 48QFPN	STMicroelectronics	237 pcs
	STM32F378RCT6	IC MCU 32BIT 256KB FLASH 64LQFP	STMicroelectronics	500 pcs
	STM32F373VCH6	IC MCU 32BIT 256KB FLASH 100BGA	STMicroelectronics	110 pcs
	STM32F383RCY6TR	IC MCU 32BIT 256KB FLASH 66WLCSP	STMicroelectronics	13914 pcs
	STM32F401CBy6TR	IC MCU 32BIT 128KB FLASH 49WLCSP	STMicroelectronics	500 pcs
	STM32F373VCT6	IC MCU 32BIT 256KB FLASH 100LQFP	STMicroelectronics	262 pcs
	STM32F3DISCOVERY	KIT EVAL DISCOVERY STM32F3	STMicroelectronics	227 pcs
	STM32F378RCY6TR	IC MCU 32BIT 256KB FLASH 66WLCSP	STMicroelectronics	500 pcs
	STM32F401CBU6TR	IC MCU 32BIT 128KB FLASH 48UFQFP	STMicroelectronics	500 pcs
	STM32F373VBT7	IC MCU 32BIT 128KB FLASH 100LQFP	STMicroelectronics	500 pcs
	STM32F401CBU6	IC MCU 32BIT 128KB FLASH 48QFPN	STMicroelectronics	252 pcs
	STM32F398VET6	IC MCU 32BIT 512KB FLASH 100LQFP	STMicroelectronics	500 pcs
	STM32F378VCH6	IC MCU 32BIT 256KB FLASH 100BGA	STMicroelectronics	500 pcs
	STM32F401C-DISCO	KIT DISCOVERY STM32 F4 SERIES	STMicroelectronics	500 pcs
	STM32F373VBH6	IC MCU 32BIT 128KB FLASH 100BGA	STMicroelectronics	6 pcs
	STM32F401CBU3	IC MCU 32BIT 128KB FLASH 48UFQFP	STMicroelectronics	500 pcs
	STM32F373VCH7	IC MCU 32BIT 256KB FLASH 100BGA	STMicroelectronics	500 pcs
	STM32F373VBT6	IC MCU 32BIT 128KB FLASH 100LQFP	STMicroelectronics	309 pcs
	STM32F378CCT6	IC MCU 32BIT 256KB FLASH 48LQFP	STMicroelectronics	500 pcs
	STM32F4-GAME	KIT IAR EXPERIMENTAL STM32	STMicroelectronics	500 pcs

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