



STM32F378VCH6

Part Number:	STM32F378VCH6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLASH 100BGA  1.STM32F378VCH6.pdf  2.STM32F378VCH6.pdf  3.STM32F378VCH6.pdf  4.STM32F378VCH6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	24596 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

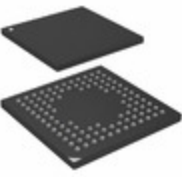
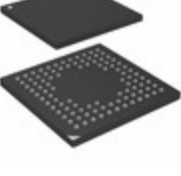
Specifications of STM32F378VCH6

PART NUMBER	STM32F378VCH6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24596 pcs
DATA SHEET	 1.STM32F378VCH6.pdf  2.STM32F378VCH6.pdf  3.STM32F378VCH6.pdf  4.STM32F378VCH6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 1.95 V
SUPPLIER DEVICE PACKAGE	100-UFBGA (7x7)
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-UFBGA
OTHER NAMES	497-16752
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
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-UFBGA (7x7)
DATA CONVERTERS	A/D 16x12b, 21x16b, D/A 3x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, HDMI-CEC, I²C, IrDA, LINbus, SPI, UART/USART

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