



STMicroelectronics



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STM32F378RCY6TR

Part Number:	STM32F378RCY6TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 256KB FLASH 66WLCSP
Datasheets:	 STM32F378RCY6TR.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.

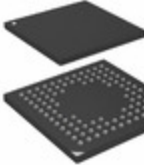
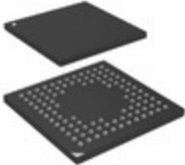
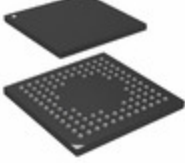
Specifications of STM32F378RCY6TR

PART NUMBER	STM32F378RCY6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 256KB FLASH 66WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 STM32F378RCY6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	66-WLCSP (3.8x4.2)
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	Tape & Reel (TR)
PACKAGE / CASE	66-UFBGA, WLCSP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
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 66-WLCSP (3.8x4.2)
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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