



Image may be representation. See specifications for product details.

STM32F051K8U7

Part Number:	STM32F051K8U7
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 32UFQFPN
	1.STM32F051K8U7.pdf
	2.STM32F051K8U7.pdf
	3.STM32F051K8U7.pdf
	4.STM32F051K8U7.pdf
	5.STM32F051K8U7.pdf
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F051K8U7

PART NUMBER	STM32F051K8U7
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 32UFQFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F051K8U7.pdf 2.STM32F051K8U7.pdf 3.STM32F051K8U7.pdf 4.STM32F051K8U7.pdf 5.STM32F051K8U7.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-UFQFPN (5x5)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-UFQFN Exposed Pad
OTHER NAMES	497-17351 STM32F051K8U7-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	27
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®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 32-UFQFPN (5x5)
DATA CONVERTERS	A/D 13x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F051

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