



Image may be representation. See specifications for product details.

STM32F051K8U6

Part Number:	STM32F051K8U6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 32UFQFPN
	1.STM32F051K8U6.pdf
	2.STM32F051K8U6.pdf
	3.STM32F051K8U6.pdf
	4.STM32F051K8U6.pdf
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	38323 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F051K8U6

PART NUMBER	STM32F051K8U6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 32UFQFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	38323 pcs
DATA SHEET	1.STM32F051K8U6.pdf 2.STM32F051K8U6.pdf 3.STM32F051K8U6.pdf 4.STM32F051K8U6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	32-UFQFPN (5x5)
SERIES	STM32 F0
ROHS STATUS	Tray
REVERSE RECOVERY TIME (TRR)	48MHz
REQUIRES	DMA, I²S, POR, PWM, WDT
PROGRAM MEMORY TYPE	64KB (64K x 8)
PROGRAM MEMORY SIZE	HDMI-CEC, I²C, IrDA, LIN, SPI, UART/USART
POLARIZATION	32-UFQFN Exposed Pad
OTHER NAMES	497-12892
OSCILLATOR TYPE	A/D 13x12b, D/A 1x12b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M0
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	STM32F051K8U6
EXPANDED DESCRIPTION	ARM® Cortex®-M0 STM32 F0 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 32-UFQFPN (5x5)
DESCRIPTION	IC MCU 32BIT 64KB FLASH 32UFQFPN
DATA SRAM BYTES	-
DATA CONVERTERS	2 V ~ 3.6 V
CORE SIZE	8K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	27

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