



STM32F050K4U6A

Part Number:	STM32F050K4U6A
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 16KB FLASH 32UFQFPN
Datasheets:	PDF STM32F050K4U6A.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.

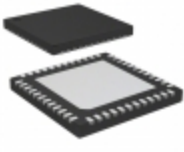
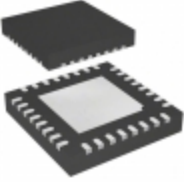
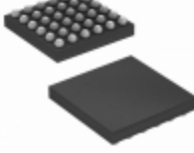
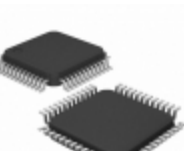
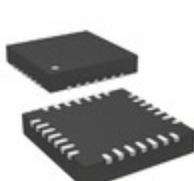
Specifications of STM32F050K4U6A

PART NUMBER	STM32F050K4U6A
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 16KB FLASH 32UFQFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF STM32F050K4U6A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-UFQFPN (5x5)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-UFQFN Exposed Pad
OTHER NAMES	497-12945
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	27
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 32-UFQFPN (5x5)
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	STM32F050

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