






 life.augmented	<b>Manufacturer Part Number:</b> STM32F051K8T6
	<b>Manufacturer/Brand:</b> STMicroelectronics
	<b>Part of Description:</b> IC MCU 32BIT 64KB FLASH 32LQFP
	<b>Datasheets:</b> <ul style="list-style-type: none"> <li> <a href="#">1.STM32F051K8T6.pdf</a></li> <li> <a href="#">2.STM32F051K8T6.pdf</a></li> <li> <a href="#">3.STM32F051K8T6.pdf</a></li> <li> <a href="#">4.STM32F051K8T6.pdf</a></li> </ul>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b>  New original, Stock Available.
<b>Ship From:</b> Hong Kong	
<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS	

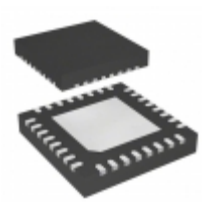

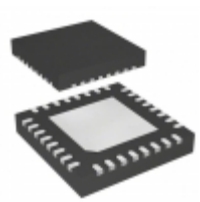
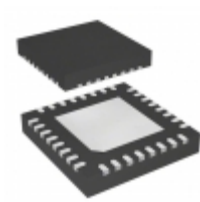


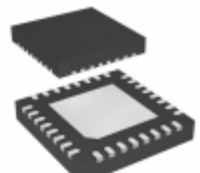

**Specifications**

Part Number	STM32F051K8T6
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 64KB FLASH 32LQFP
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Series	STM32 F0
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	32-LQFP
Supplier Device Package	32-LQFP (7x7)
Peripherals	DMA, I <sup>2</sup> S, POR, PWM, WDT
Core Processor	ARM® Cortex®-M0
Speed	48MHz
Number of I/O	25
EEPROM Size	-
RAM Size	8K x 8
Core Size	32-Bit
Connectivity	HDMI-CEC, I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V
Data Converters	A/D 13x12b, D/A 1x12b
Oscillator Type	Internal
Packaging	Tray

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 <p><b>STM32F051K86</b> ST STM32F051K86 ST</p>	 <p><b>STM32F051K8T6TR</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 32LQFP</p>	 <p><b>STM32F051K6U7</b> STMicroelectronics IC MCU 32BIT 32KB FLASH 32UFQFPN</p>	 <p><b>STM32F051K8T7</b> STMicroelectronics IC MCU 32BIT 64KB FLASH 32LQFP</p>

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|--|--|--|--|--|
|  04023A3R3DAT2A       |  04025U140FAT2A     |  06031C182M4T2A   |  D 24LC01BT-1/OT    |  ADATE303BBCZ       |
|  ADP222ACPZ-1233-R7   |  ADP3293JCPZ-RL     |  D AP6900GH-HF    |  C-Q01A-B           |  CC0603KRNPO9BN330  |
|  DT215N08KOF          |  EPM7064SLC44-10N   |  FST3125QSCX      |  GCM1555C1H1R3CA16D |  GCM1885C1H9R6DA16D |
|  D GJM0335C1E3R0BB01D |  GRM155R61A224KE19J |  HFB64927         |  HIP6601CAB         |  IP-B60-CV99        |
|  KMYFG0C0CA-A302      |  L7908CD2T-TR       |  LDB182G7210C-110 |  LM3411AM5-3.3      |  LM385M3X-1.2/NOPB  |
|  LTC2462CDD#PBF       |  LTC2704IGW-16      |  D LUH100G1201Z   |  M29W320ET          |  MAX990ESA+T        |
|  MC33261DR2           |  MC74HC02ADR2G      |  MC74HC165ADTR2G  |  MIC2981/82YN       |  MM3090DYREG        |
|  MMST5551             |  NR111E-TL          |  NRS5020T2R2NMGJ  |  S-1206B2J-M3T1G    |  S-8353A50UA-IRJT2G |
|  S71PL064JB0BFW0B     |  S908GR16AVFAE      |  SD30M60C         |  D SKY77549-11      |  SP706REU-L/TR      |
|  STBB1-APUR           |  TAS3002PFB         |  TC7WG08FU        |  TPS2031DG4         |  V300C3V3T75AL3     |