



STMicroelectronics



STM32F042K4T6

Part Number:	STM32F042K4T6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 16KB FLASH 32LQFP
Datasheets:	PDF 1.STM32F042K4T6.pdf PDF 2.STM32F042K4T6.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	30072 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

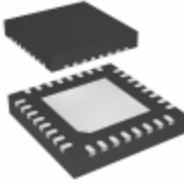
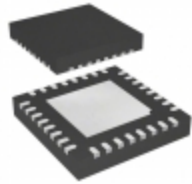
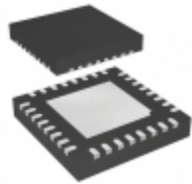
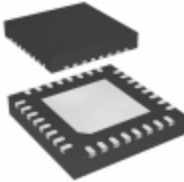
Specifications of STM32F042K4T6

PART NUMBER	STM32F042K4T6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 16KB FLASH 32LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	30072 pcs
DATA SHEET	PDF 1.STM32F042K4T6.pdf PDF 2.STM32F042K4T6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-LQFP (7x7)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	6K 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-LQFP
OTHER NAMES	497-17856 STM32F042K4T6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	26
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-LQFP (7x7)
DATA CONVERTERS	A/D 13x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	CANbus, HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART, USB

Related Tags

STMicroelectronics STM32F042K4T6	STM32F042K4T6 Distributor	STM32F042K4T6 Supplier
STM32F042K4T6 Price	STM32F042K4T6 Pictures	STM32F042K4T6 Image
STM32F042K4T6 PDF Datasheet	STM32F042K4T6 Download Datasheet	STM32F042K4T6 Datasheet
STM32F042K4T6 Stock	Buy STM32F042K4T6	Buy STMicroelectronics STM32F042K4T6
STMicroelectronics STM32F042K4T6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F042K4T6		

Related Products

 STM32F042F6P7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 20TSSOP In stock: 43051 pcs RFQ	 STM32F042K6T7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 32LQFP In stock: 61169 pcs RFQ
 STM32F042K4U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 32UFQFPN In stock: 79919 pcs RFQ	 STM32F042G4U6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 28UFQFPN In stock: 99234 pcs RFQ
 STM32F042G6U7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 28UFQFPN In stock: 82675 pcs RFQ	 STM32F042K6U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 32UFQFPN In stock: 38615 pcs RFQ
 STM32F042K6T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 32LQFP In stock: 31513 pcs RFQ	 STM32F042G4U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 28UFQFPN In stock: 45684 pcs RFQ
 STM32F042G6U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 28UFQFPN In stock: 41060 pcs RFQ	 STM32F042K6U7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 32UFQFPN In stock: 61505 pcs RFQ
 STM32F042K6U6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 32UFQFPN In stock: 72745 pcs RFQ	 STM32F042G6U6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 28UFQFPN In stock: 86328 pcs RFQ