



STM32F042C6U6

Part Number:	STM32F042C6U6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 48UFQFPN
	1.STM32F042C6U6.pdf
	2.STM32F042C6U6.pdf
	3.STM32F042C6U6.pdf
	4.STM32F042C6U6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	37006 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

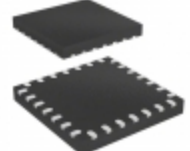
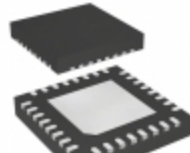
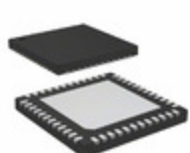
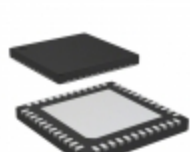
Specifications of STM32F042C6U6

PART NUMBER	STM32F042C6U6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48UFQFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	37006 pcs
DATA SHEET	1.STM32F042C6U6.pdf 2.STM32F042C6U6.pdf 3.STM32F042C6U6.pdf 4.STM32F042C6U6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-UFQFPN (7x7)
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	6K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-UFQFN Exposed Pad
OTHER NAMES	497-17342 STM32F042C6U6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	38
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 32KB (32K x 8) FLASH 48-UFQFPN (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

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 STM32F042C6T6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: 67755 pcs RFQ	 STM32F042C4T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: 38669 pcs RFQ
 STM32F038G6U6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 28UFQFPN In stock: 117540 pcs RFQ	 STM32F042F6P6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 20TSSOP In stock: 83696 pcs RFQ
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