STMicroelectronics

STM32F030C8T6

Part Number:	STM32F030C8T6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 64KB FLASH 48LQFP
Datasheets:	1.STM32F030C8T6.pdf
	2.STM32F030C8T6.pdf
	3.STM32F030C8T6.pdf
	4.STM32F030C8T6.pdf
	5.STM32F030C8T6.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 STM32F030C8T6

PART NUMBER	STM32F030C8T6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 64KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F030C8T6.pdf 2.STM32F030C8T6.pdf 3.STM32F030C8T6.pdf 4.STM32F030C8T6.pdf 5.STM32F030C8T6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.4 V ~ 3.6 V
SPEED	48MHz
SERIES	STM32F0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OTHER NAMES	497-14043 STM32F030C8T6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	39
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 STM32F0 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH
DATA CONVERTERS	A/D 12x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	STM32F030

Related Tags

STMicroelectronics STM32F030C8T6	STM32F030C8T6 Distributor	STM32F030C8T6 Supplier
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Related Products

STM32F030CCT6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F030C6T6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F030K6T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 32LQFP
In stock: Out stock
RFQ

STM32F030F4P6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 20TSSOP
In stock: Out stock
RFQ

STM32756G-EVAL2
Manufacturers: STMicroelectronics
Description: EVAL BOARD FOR STM32756
In stock: 2 pcs
RFQ

STM3274G-SK/IAR
Manufacturers: STMicroelectronics
Description: STARTER KIT IAR STM32F746/756
In stock: 7 pcs
RFQ

STM32F0308-DISCO
Manufacturers: STMicroelectronics
Description: KIT DISCOVERY STM32 F0 SERIES
In stock: 121 pcs
RFQ

STM32CMICOS-EVAL
Manufacturers: STMicroelectronics
Description: EVAL BOARD
In stock: Out stock
RFQ

STM32F030F4P6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 16KB FLASH 20TSSOP
In stock: Out stock
RFQ

STM32F030C8T6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F030C6T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F030CCT6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH 48LQFP
In stock: Out stock
RFQ