



STMicroelectronics



Image may be representation. See specifications for product details.

STM32F301C6T6

Part Number:	STM32F301C6T6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 48LQFP
Datasheets:	1.STM32F301C6T6.pdf 2.STM32F301C6T6.pdf 3.STM32F301C6T6.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	53260 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F301C6T6

PART NUMBER	STM32F301C6T6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	53260 pcs
DATA SHEET	1.STM32F301C6T6.pdf 2.STM32F301C6T6.pdf 3.STM32F301C6T6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	72MHz
SERIES	STM32F3
RAM SIZE	16K 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-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	37
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32F3 Microcontroller IC 32-Bit 72MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 8x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART

Related Tags

STMicroelectronics STM32F301C6T6	STM32F301C6T6 Distributor	STM32F301C6T6 Supplier
STM32F301C6T6 Price	STM32F301C6T6 Pictures	STM32F301C6T6 Image
STM32F301C6T6 PDF Datasheet	STM32F301C6T6 Download Datasheet	STM32F301C6T6 Datasheet
STM32F301C6T6 Stock	Buy STM32F301C6T6	Buy STMicroelectronics STM32F301C6T6
STMicroelectronics STM32F301C6T6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F301C6T6		

Related Products

 STM32F217VGT7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 11521 pcs RFQ	 STM32F301C6T6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: 48652 pcs RFQ
 STM32F301C8T7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 49094 pcs RFQ	 STM32F217ZET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 9828 pcs RFQ
 STM32F217VGT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 13353 pcs RFQ	 STM32F301C6T7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: 54086 pcs RFQ
 STM32F217ZET7 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 12123 pcs RFQ	 STM32F301C4T6 Manufacturers: STMicroelectronics Description: LQFP 48 7X7X1.4 1 In stock: 58468 pcs RFQ
 STM32F301C8Y6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 49WLCSP In stock: 50826 pcs RFQ	 STM32F301C8T6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 42440 pcs RFQ
 STM32F301C8T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 29762 pcs RFQ	 STM32F217ZGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 7615 pcs RFQ