



STMicroelectronics



STM32F102C6T6ATR

Part Number:	STM32F102C6T6ATR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 48LQFP
Datasheets:	 STM32F102C6T6ATR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	49070 pcs stock
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 STM32F102C6T6ATR

PART NUMBER	STM32F102C6T6ATR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	49070 pcs
DATA SHEET	 STM32F102C6T6ATR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SPEED	48MHz
SERIES	STM32F1
RAM SIZE	6K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, PDR, POR, PVD, PWM, Temp Sensor, WDT
PACKAGING	Tape & Reel (TR)
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®-M3 STM32F1 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	STM32F102

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