STMicroelectronics

STM32F301R6T6

Part Number:	STM32F301R6T6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 64LQFP
Datasheets:	1.STM32F301R6T6.pdf
	2.STM32F301R6T6.pdf
	3.STM32F301R6T6.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 STM32F301R6T6

PART NUMBER	STM32F301R6T6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F301R6T6.pdf
	2.STM32F301R6T6.pdf
	3.STM32F301R6T6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	72MHz
SERIES	STM32F3
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	497-17412
	STM32F301R6T6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
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®-M4 STM32F3 Microcontroller IC 32-Bit 72MHz 32KB (32K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 15x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART

Related Tags

Related Products
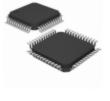
STM32F301K8U7TR
Manufacturers: STMicroelectronics
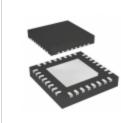Description: IC MCU 32BIT 64KB FLASH 32UFQFN
In stock: Out stock
RFQ

STM32F302C6T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 32KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F301K6U7
Manufacturers: STMicroelectronics
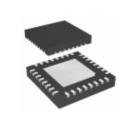Description: IC MCU 32BIT 32KB FLASH 32UFQFPN
In stock: Out stock
RFQ

STM32F302C8Y6TR
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 49WLCSP
In stock: Out stock
RFQ

STM32F301K6U7TR
Manufacturers: STMicroelectronics
Description: UFQFPN 5X5X0.55 32L
In stock: Out stock
RFQ

STM32F302C8T7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48LQFP
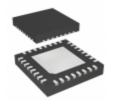In stock: Out stock
RFQ

STM32F301K8U6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 32UFQFPN
In stock: Out stock
RFQ

STM32F301K8U6TR
Manufacturers: STMicroelectronics
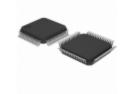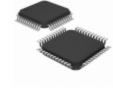Description: IC MCU 32BIT 64KB FLASH 32UFQFN
In stock: Out stock
RFQ

STM32F301R8T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 64LQFP
In stock: 458 pcs
RFQ

STM32F302C8T6
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 48LQFP
In stock: Out stock
RFQ

STM32F302C4T6
Manufacturers: STMicroelectronics
Description: LQFP 48 7X7X1.4 1
In stock: Out stock
RFQ

STM32F301K8U7
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 64KB FLASH 32UFQFPN
In stock: Out stock
RFQ