



STMicroelectronics



life.augmented

STM32F412VGT6TR

Part Number:	STM32F412VGT6TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	 STM32F412VGT6TR.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.

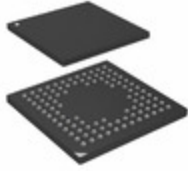
Specifications of STM32F412VGT6TR

PART NUMBER	STM32F412VGT6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 STM32F412VGT6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SPEED	100MHz
SERIES	STM32F4
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	81
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 100MHz 1MB (1M x 8) FLASH
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, UART/USART, USB, USB OTG

Related Tags

STMicroelectronics STM32F412VGT6TR	STM32F412VGT6TR Distributor	STM32F412VGT6TR Supplier
STM32F412VGT6TR Price	STM32F412VGT6TR Pictures	STM32F412VGT6TR Image
STM32F412VGT6TR PDF Datasheet	STM32F412VGT6TR Download Datasheet	STM32F412VGT6TR Datasheet
STM32F412VGT6TR Stock	Buy STM32F412VGT6TR	Buy STMicroelectronics STM32F412VGT6TR
STMicroelectronics STM32F412VGT6TR	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F412VGT6TR		

Related Products

 STM32F412VGH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100UFBGA In stock: Out stock RFQ	 STM32F412VET6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ
 STM32F412ZET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ	 STM32F412ZEJ6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ
 STM32F412ZGJ6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: Out stock RFQ	 STM32F412VGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ
 STM32F412VET3TR Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: Out stock RFQ	 STM32F412ZGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
 STM32F412ZEJ3 Manufacturers: STMicroelectronics Description: UFBGA 10X10 144L P 0 In stock: Out stock RFQ	 STM32F412VET3 Manufacturers: STMicroelectronics Description: LQFP 100 14X14X1.4 In stock: Out stock RFQ
 STM32F412VET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 650 pcs RFQ	 STM32F412ZGJ6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: Out stock RFQ