



STMicroelectronics



life.augmented

STM32F412RET6TR

Part Number:	STM32F412RET6TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 64LQFP
	PDF 1.STM32F412RET6TR.pdf
	PDF 2.STM32F412RET6TR.pdf
	PDF 3.STM32F412RET6TR.pdf
	PDF 4.STM32F412RET6TR.pdf
Datasheets:	
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.

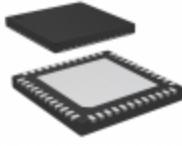
Specifications of STM32F412RET6TR

PART NUMBER	STM32F412RET6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.STM32F412RET6TR.pdf PDF 2.STM32F412RET6TR.pdf PDF 3.STM32F412RET6TR.pdf PDF 4.STM32F412RET6TR.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	512KB (512K 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	50
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 512KB (512K x 8) FLASH
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SPI, UART/USART, USB, USB OTG

Related Tags

STMicroelectronics STM32F412RET6TR	STM32F412RET6TR Distributor	STM32F412RET6TR Supplier
STM32F412RET6TR Price	STM32F412RET6TR Pictures	STM32F412RET6TR Image
STM32F412RET6TR PDF Datasheet	STM32F412RET6TR Download Datasheet	STM32F412RET6TR Datasheet
STM32F412RET6TR Stock	Buy STM32F412RET6TR	Buy STMicroelectronics STM32F412RET6TR
STMicroelectronics STM32F412RET6TR	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F412RET6TR		

Related Products

 STM32F412RGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: 776 pcs RFQ	 STM32F412CGU6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 48UFQFPN In stock: Out stock RFQ
 STM32F412RGT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 64LQFP In stock: Out stock RFQ	 STM32F412G-DISCO Manufacturers: STMicroelectronics Description: DISCOVERY KIT WITH STM32F412ZG M In stock: 116 pcs RFQ
 STM32F412CGU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 48UFQFPN In stock: Out stock RFQ	 STM32F412REY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64WLCSP In stock: Out stock RFQ
 STM32F412VEH3TR Manufacturers: STMicroelectronics Description: UFBGA 7X7X0.60 100L In stock: Out stock RFQ	 STM32F412RGY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 64WLCSP In stock: Out stock RFQ
 STM32F412RGY6PTR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 64WLCSP In stock: Out stock RFQ	 STM32F411VET6U Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ
 STM32F412CEU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 48UFQFN In stock: Out stock RFQ	 STM32F412RET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ