



life.augmented

STMicroelectronics



Image may be representation. See specifications for product details.

STM32F412CEU6

Part Number:	STM32F412CEU6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 48UFQFN 1.STM32F412CEU6.pdf 2.STM32F412CEU6.pdf 3.STM32F412CEU6.pdf 4.STM32F412CEU6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	27566 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

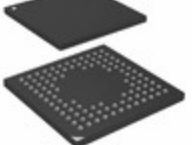
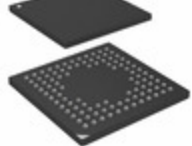
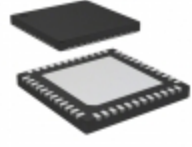
Specifications of STM32F412CEU6

PART NUMBER	STM32F412CEU6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 48UFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	27566 pcs
DATA SHEET	1.STM32F412CEU6.pdf 2.STM32F412CEU6.pdf 3.STM32F412CEU6.pdf 4.STM32F412CEU6.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, POR, PWM, WDT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB, USB OTG

Related Tags

STMicroelectronics STM32F412CEU6	STM32F412CEU6 Distributor	STM32F412CEU6 Supplier
STM32F412CEU6 Price	STM32F412CEU6 Pictures	STM32F412CEU6 Image
STM32F412CEU6 PDF Datasheet	STM32F412CEU6 Download Datasheet	STM32F412CEU6 Datasheet
STM32F412CEU6 Stock	Buy STM32F412CEU6	Buy STMicroelectronics STM32F412CEU6
STMicroelectronics STM32F412CEU6	STMicroelectronics Supplier	STMicroelectronics Distributor
STM32F412CEU6		

Related Products

 life.augmented STM32F411VEH6TR Manufacturers: STMicroelectronics Description: UFBGA 7X7X0.60 100L In stock: 19453 pcs RFQ	 life.augmented STM32F412CGU6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 48UFQFPN In stock: 21490 pcs RFQ
 life.augmented STM32F412RET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 21186 pcs RFQ	 life.augmented STM32F411VET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 13122 pcs RFQ
 life.augmented STM32F411VEH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100UBGA In stock: 10296 pcs RFQ	 life.augmented STM32F412G-DISCO Manufacturers: STMicroelectronics Description: DISCOVERY KIT WITH STM32F412ZG M In stock: 2681 pcs RFQ
 life.augmented STM32F412RET6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 24244 pcs RFQ	 life.augmented STM32F411VEH6U Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100UBGA In stock: 13582 pcs RFQ
 life.augmented STM32F411VCT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 26246 pcs RFQ	 life.augmented STM32F412CGU6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 48UFQFPN In stock: 18178 pcs RFQ
 life.augmented STM32F411VET6U Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 12968 pcs RFQ	 life.augmented STM32F412REY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64WLCSP In stock: 25450 pcs RFQ