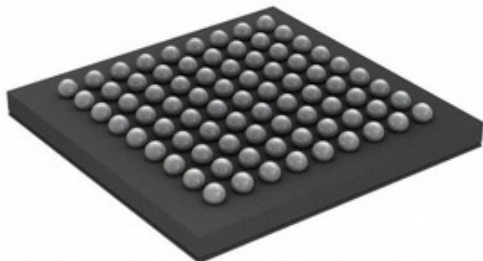




STMicroelectronics



STM32F446MEY6TR

Part Number:	STM32F446MEY6TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 81WLCSP
	1.STM32F446MEY6TR.pdf
	2.STM32F446MEY6TR.pdf
	3.STM32F446MEY6TR.pdf
	4.STM32F446MEY6TR.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.

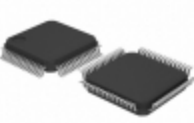
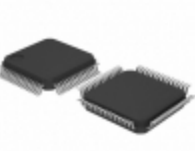
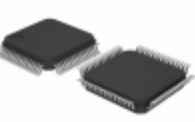
Specifications of STM32F446MEY6TR

PART NUMBER	STM32F446MEY6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 81WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32F446MEY6TR.pdf 2.STM32F446MEY6TR.pdf 3.STM32F446MEY6TR.pdf 4.STM32F446MEY6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	81-WLCSP (3.80x3.69)
SPEED	180MHz
SERIES	STM32F4
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	81-UFBGA, WLCSP
OTHER NAMES	497-15812-1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	63
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 180MHz 512KB (512K x 8) FLASH 81-WLCSP (3.80x3.69)
DATA CONVERTERS	A/D 14x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, SAI, SD, SPDIF-Rx, SPI, UART/USART, USB, USB OTG

Related Tags

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 STM32F439ZGT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 342 pcs RFQ	 STM32F439ZIT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 293 pcs RFQ
 STM32F446RCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 772 pcs RFQ	 STM32F439ZGY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
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