



STMicroelectronics

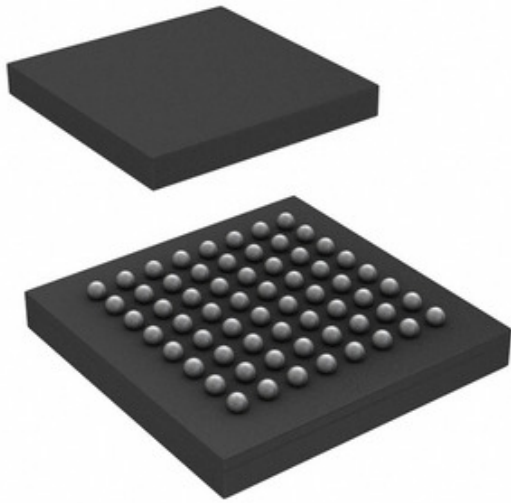


Image may be representation. See specifications for product details.

STM32L452REI6

Part Number:	STM32L452REI6
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 512KB FLASH 64UFBGA
	1.STM32L452REI6.pdf
	2.STM32L452REI6.pdf
	3.STM32L452REI6.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

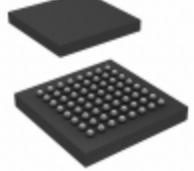
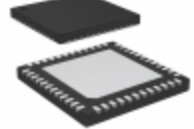
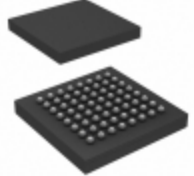
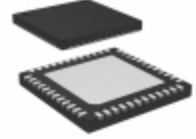
Specifications of STM32L452REI6

PART NUMBER	STM32L452REI6
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64UFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32L452REI6.pdf 2.STM32L452REI6.pdf 3.STM32L452REI6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-UFBGA (5x5)
SPEED	80MHz
SERIES	STM32L4
RAM SIZE	160K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-UFBGA
OTHER NAMES	497-17220 STM32L452REI6-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32L4 Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 64-UFBGA (5x5)
DATA CONVERTERS	A/D 16x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB

Related Tags

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 STM32L452REY6PTR Manufacturers: STMicroelectronics Description: WLCSP 64L DIE 462 PI In stock: Out stock RFQ	 STM32L452RET6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 243 pcs RFQ
 STM32L452REY6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 512KB FLASH 64CSP In stock: Out stock RFQ	 STM32L452REI3 Manufacturers: STMicroelectronics Description: UFBGA 5X5X0.6 64L P In stock: 100 pcs RFQ
 STM32L452RCT6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 75 pcs RFQ	 STM32L452CEU3 Manufacturers: STMicroelectronics Description: UFQFPN 7X7X0.55 48L In stock: Out stock RFQ
 STM32L452RET3 Manufacturers: STMicroelectronics Description: LQFP 64 10X10X1.4 1 In stock: Out stock RFQ	 STM32L452RCI6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: Out stock RFQ
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