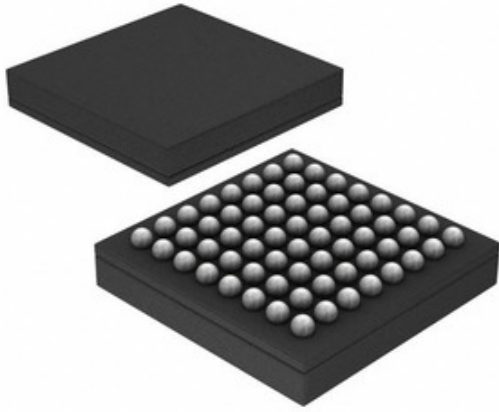




STMicroelectronics



STM32L152R6H6A

Part Number:	STM32L152R6H6A
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 32KB FLASH 64TFBGA
Datasheets:	1.STM32L152R6H6A.pdf 2.STM32L152R6H6A.pdf 3.STM32L152R6H6A.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.

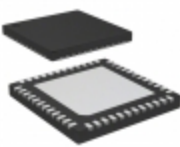
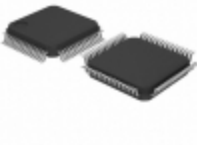
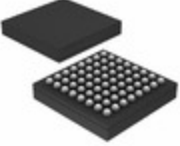
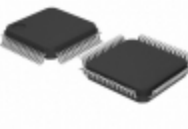
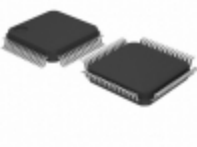
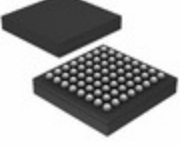
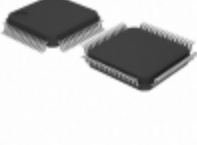
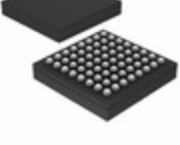
Specifications of STM32L152R6H6A

PART NUMBER	STM32L152R6H6A
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 32KB FLASH 64TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32L152R6H6A.pdf 2.STM32L152R6H6A.pdf 3.STM32L152R6H6A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TFBGA (5x5)
SPEED	32MHz
SERIES	STM32L1
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	30 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH 64-TFBGA (5x5)
DATA CONVERTERS	A/D 20x12b; D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART, USB

Related Tags

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 STM32L152R6T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock RFQ	 STM32L152D-EVAL Manufacturers: STMicroelectronics Description: DEVELOPMENT STM32L152 In stock: 8 pcs RFQ
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 STM32L152QCH6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 256KB FLASH 132BGA In stock: Out stock RFQ	 STM32L152R6T6A Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock RFQ
 STM32L152R8T6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 777 pcs RFQ	 STM32L152R8H6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 64KB FLASH 64BGA In stock: Out stock RFQ
 STM32L152R6T6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: Out stock RFQ	 STM32L152R6H6 Manufacturers: STMicroelectronics Description: IC MCU 32BIT 32KB FLASH 64BGA In stock: Out stock RFQ