



STMicroelectronics



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STM32L151QDH6TR

Part Number:	STM32L151QDH6TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 384KB FLASH 132UBGA
Datasheets:	1.STM32L151QDH6TR.pdf 2.STM32L151QDH6TR.pdf 3.STM32L151QDH6TR.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.

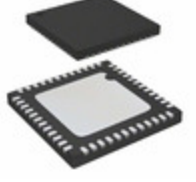
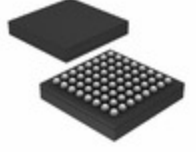
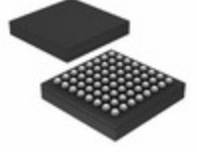
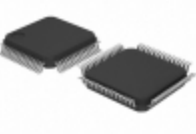
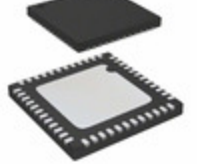
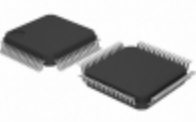
Specifications of STM32L151QDH6TR

PART NUMBER	STM32L151QDH6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 384KB FLASH 132UBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.STM32L151QDH6TR.pdf 2.STM32L151QDH6TR.pdf 3.STM32L151QDH6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	132-UFBGA (7x7)
SPEED	32MHz
SERIES	STM32L1
RAM SIZE	48K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	384KB (384K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	132-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	109
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	30 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	12K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M3 STM32L1 Microcontroller IC 32-Bit 32MHz 384KB (384K x 8) FLASH 132-UFBGA (7x7)
DATA CONVERTERS	A/D 40x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART, USB

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