



STMicroelectronics



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STM32L051T8Y6DTR

Part Number:	STM32L051T8Y6DTR
Manufacturer/Brand:	STMicroelectronics
Product description	WLCSP 36L DIE 417 P
Datasheets:	PDF STM32L051T8Y6DTR.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

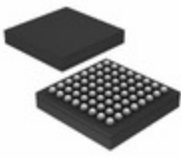
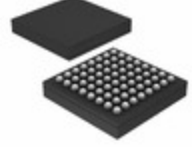
Specifications of STM32L051T8Y6DTR

PART NUMBER	STM32L051T8Y6DTR
MANUFACTURER	STMicroelectronics
DESCRIPTION	WLCSP 36L DIE 417 P
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	PDF STM32L051T8Y6DTR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	36-WLCSP
SPEED	32MHz
SERIES	STM32L0
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	36-UFBGA, WLCSP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	29
MANUFACTURER STANDARD LEAD TIME	30 Weeks
EEPROM SIZE	2K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M0+ STM32L0 Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH 36-WLCSP
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, IrDA, SPI, UART/USART

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