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	Manufacturer Part Number: STM32L451REI6
	Manufacturer/Brand: N/A
	Part of Description: IC MCU 32BIT 512KB FLASH 64UFBGA
	RoHs Status:  Lead free / RoHS
	Stock Condition: Compliant New original, 5023 pcs Stock Available.
	Ship From: Hong Kong
	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	STM32L451REI6
Manufacturer	N/A
Description	IC MCU 32BIT 512KB FLASH 64UFBGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	5023 pcs Stock
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	497-17976
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
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,

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