

# Teardown



▶ Original Video

▶ Begin

Note: Some information may come from other sources. All pictures from uploader unless noted otherwise.

## Original Source Information

Source	YouTube
Uploader	EEVblog
Video Name	EEVblog #762 - How Secure Are Electronic Safe Locks?
Posted Date	July 5, 2015

## Donor Information

Donor	Not Applicable
Donor General Location	Not Applicable

## Device Information

Device Type	Electronic Locking Mechanism
Brand	La Gard
Device Name	Unknown
Device Model	LG 3740/3750

## Post Information

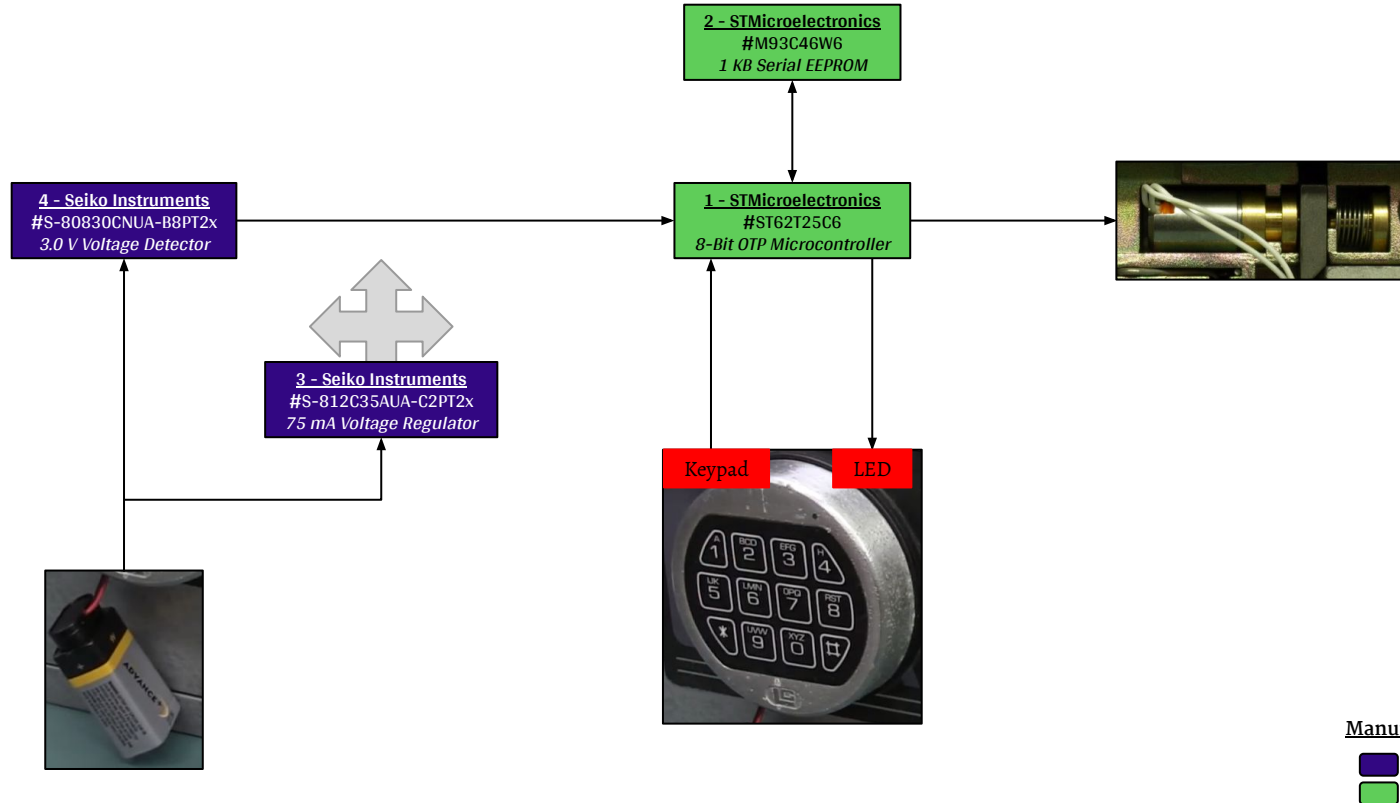
Post Date	September 12, 2020
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# Device Analysis














## Design Wins

Purpose	Manufacturer	Part Number
Processor	STMicroelectronics	ST62T25C6
EEPROM	STMicroelectronics	M93C46W6

# Block Diagram



# Component Function Guide

Color	Chip Use	Examples
	Audio	Amplifiers/CODECs/Microphones
	Camera/Image	Image Sensors/Video Processors
	Connectivity	Antennas/Bluetooth/GPS/USB/WiFi Stuff
	Display/Touchscreen	Touchscreen/Display Drivers
	Logic	PLDs/FPGAs/Logic Gates
	Memory	EEPROMs/NAND/RAM/SDRAM
	Mixed Signal	DSPs/MCUs
	Power	Battery Protection/Charge Controllers/PMICs/Voltage Regulators
	Processor	Application/Baseband Processors
	Radio Frequency	Radio Frequency/Envelope Tracking Stuff
	Sensor	Accelerometer/Pressure/Temperature
	Other	LED Controllers/Operational Amplifiers
	Unknown	Chips with no predictions of use

# Internals

## Main PCB Side 1 IC Identification

