

APPLICANT: Aeon Labs LLC.

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The theory of Aeon Z-Stick Z-Wave USB Adapter:

1. MCU & RF module: responsible for communication with other Z-Wave modules,
2. MCU frequency is 32MHz.
3. Battery: To provide power to around circuit
4. Charging and protection circuits: Charging battery and protect battery.
5. LED display: Display state of Aeon Z-Stick Z-Wave USB Adapter.
6. USB signal switch: Using 74HC4053 to choose which IC will work between CP2102 and EM78M612.
7. EM78M612: Update the device firmware through USB connector.