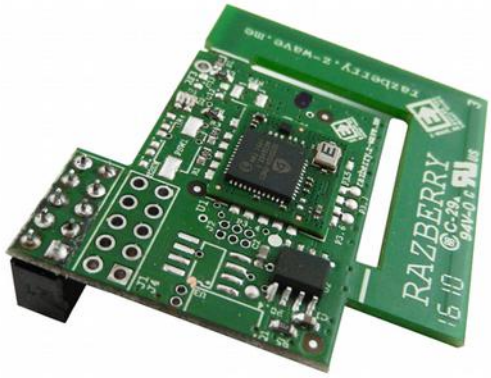
Raspibox Open Plus

Application Note
How to integrate Razberry module (Z-Wave)

1 Introduction

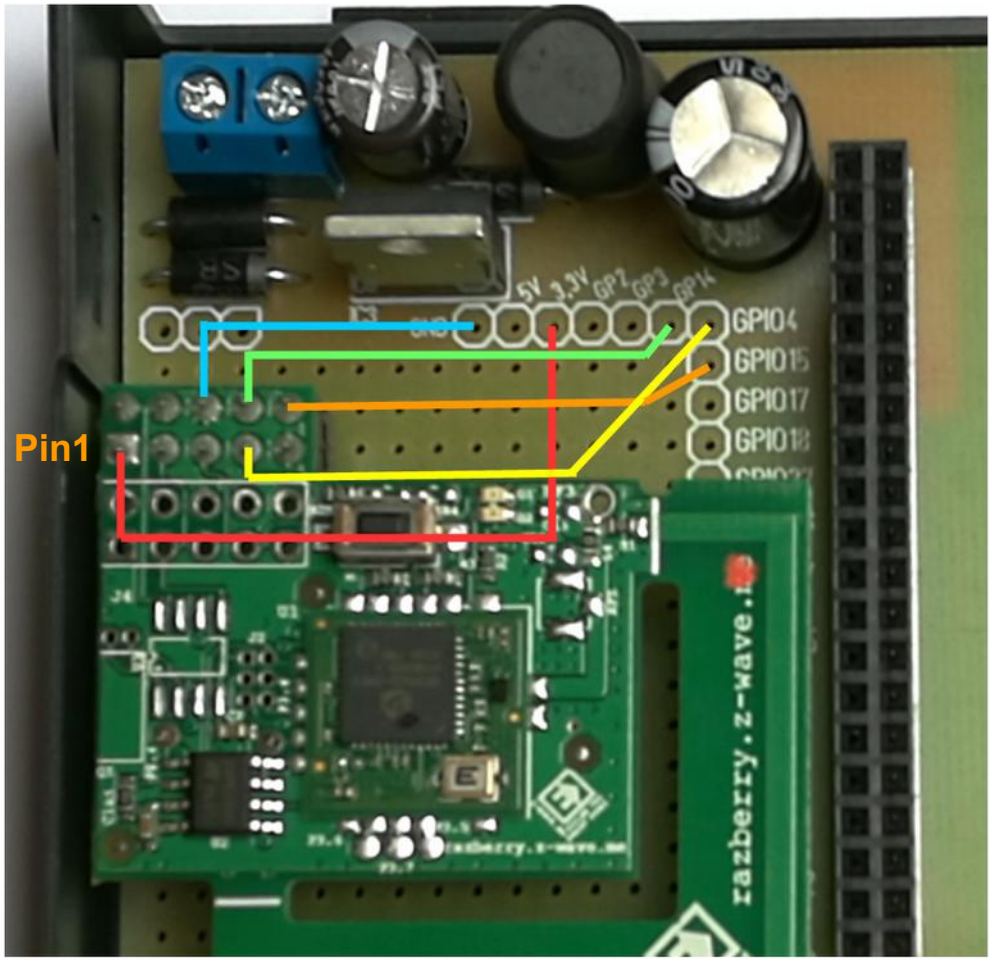


RaZberry brings Z-Wave to the Raspberry PI platform. Z-Wave is the leading wireless communication technology for smart homes.
The Razberry platform adds all the components needed to turn a Raspberry PI board into a fully operational and inexpensive Z-Wave gateway.
This application note will show you the integration of the RaZberry module in our RasPiBox Open din rail enclosure set.

2 Bill of Material

- Razberry.z-wave.me module
- 2x5 male pin header
- RasPiBox Open Plus enclosure set
- hook-up wire
- Raspberry Pi 2 B or 3 B

3 Assembly of RaZberry to the Breadboard



RaZberry Header	RasPiBox Breadboard
Pin 1	3,3V
Pin 2	Not connected
Pin 3	Not connected
Pin 4	Not connected
Pin 5	Not connected
Pin 6	GND
Pin 7	GPIO4
Pin 8	GPIO14
Pin 9	GND (optional)
Pin 10	GPIO15

4 Software

Z-Way – the first certified Z-Wave communication stack, handles all Z-Wave network communication, Java script automation engine, built in web server. The RaZberry firmware communicates with the Z-Way communication stack using the serial interface /dev/ttyAMA0.

Please visit this link for more information:
http://razberry.z-wave.me/index.php?id=24