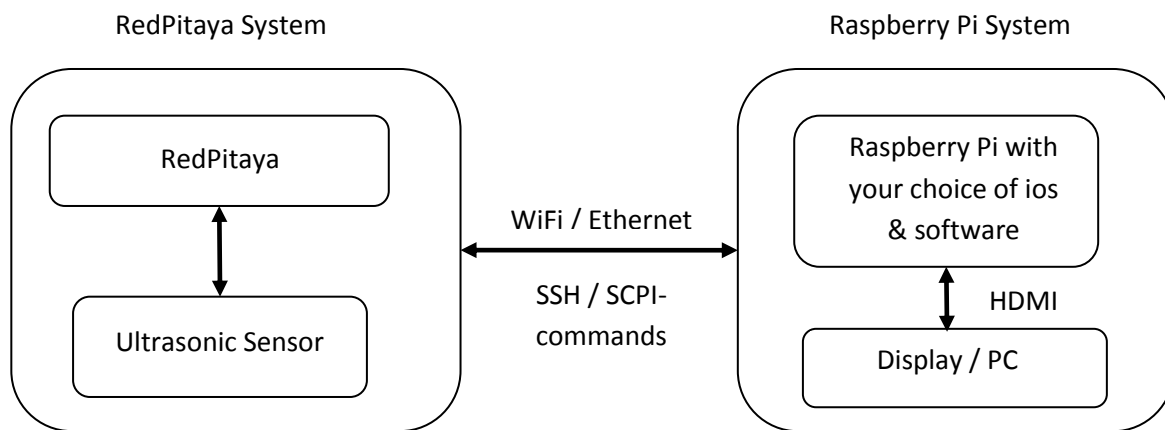
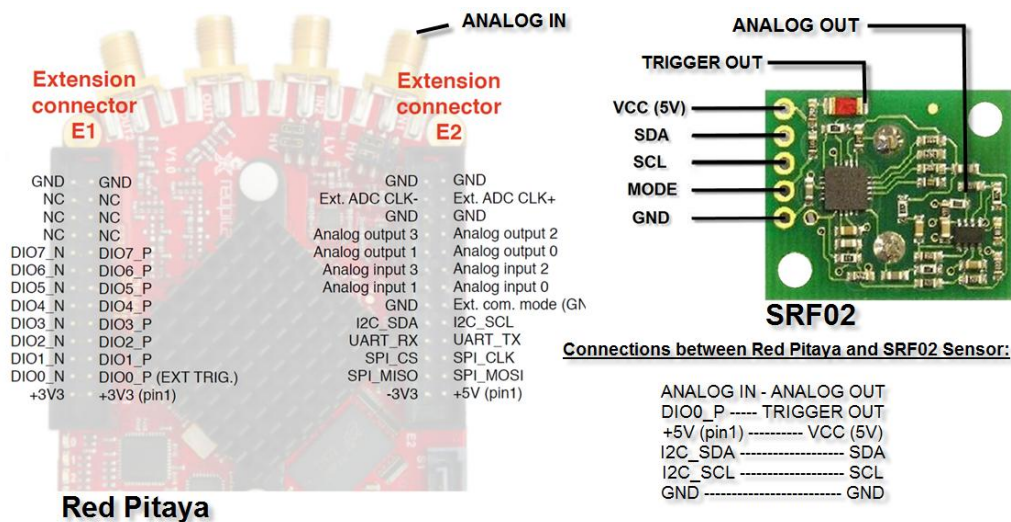


Useful hints for SL2 Project



The RedPitaya System in detail:



Notes

1. Power the RedPitaya system and wait at least 30 sec.
2. Establish a wifi connection to RedPitaya APXX system. The password is "redpitaya".
3. Establish a SSH-connection to RedPitaya (192.168.128.1 usr: root psw: root).
4. You can check whether you are successful by looking at the red led of the SRF02-Sensor, it should blink. If not, go to 1.
5. If the led of the SRF02-Sensor is blinking, the I2C communication between RedPitaya and the SRF02-Sensor started. The Sensor starts ranging and the RedPitaya is acquiring the analog signal coming from the Sensor. In parallel the internal SCPI-Server started automatically and is ready for communication. Use SCPI-Commands to get the acquired data. Following website shows you the supported commands:

https://redpitaya.readthedocs.io/en/latest/appsFeatures/remoteControl/SCPI_commands.html