

STEI	
Line	Description
1	Permaproto board, half size
2	magnet connector pair, RA, 4 positions pins
3	magnet connector pair, RA, 3 positions pins
4	Lidar - VL53L1X
5	spectrometer - AS7343
6	Ultrasonic Rangefinder - LV-EZ4
7	Humidity Sensor HDC3022
8	Remote surface temperature thermometer - MLX90614ESF-BCC- 000-TU
9	10kΩ resistor
10	20kΩ resistor
11	0.1uF capacitor

3D Prints	
Line	Description
1	Thermal Spacer
2	RS-B Upper Housing
3	RS-B Swing Housing
4	magnet coupler alignment fixture for main body w pins

LA -1.2 RS-B.parts list	
URL	Notes
https://www.adafruit.com/product/1609	
https://www.adafruit.com/product/5358	
https://www.adafruit.com/product/5360	
https://www.adafruit.com/product/3967	
https://www.adafruit.com/product/6477	Adafruit format
https://www.adafruit.com/product/982	
https://www.adafruit.com/product/5989	
https://www.digikey.com/en/products/detail/melexis-technologies-nv/MLX90614ESF-BCC-000-TU/3641019	
https://www.digikey.com/en/products/detail/koaspeer-electronics-inc/MF1-4CCT52R1002B/21679704	
https://www.digikey.com/en/products/detail/yageo/MFP-25BRD52-20K/2058808	
https://www.digikey.com/en/products/detail/vishay-beyschlag-dralloric-bc-components/K104K15X7RF5TL2/286538	

Notes
0.1mm - black