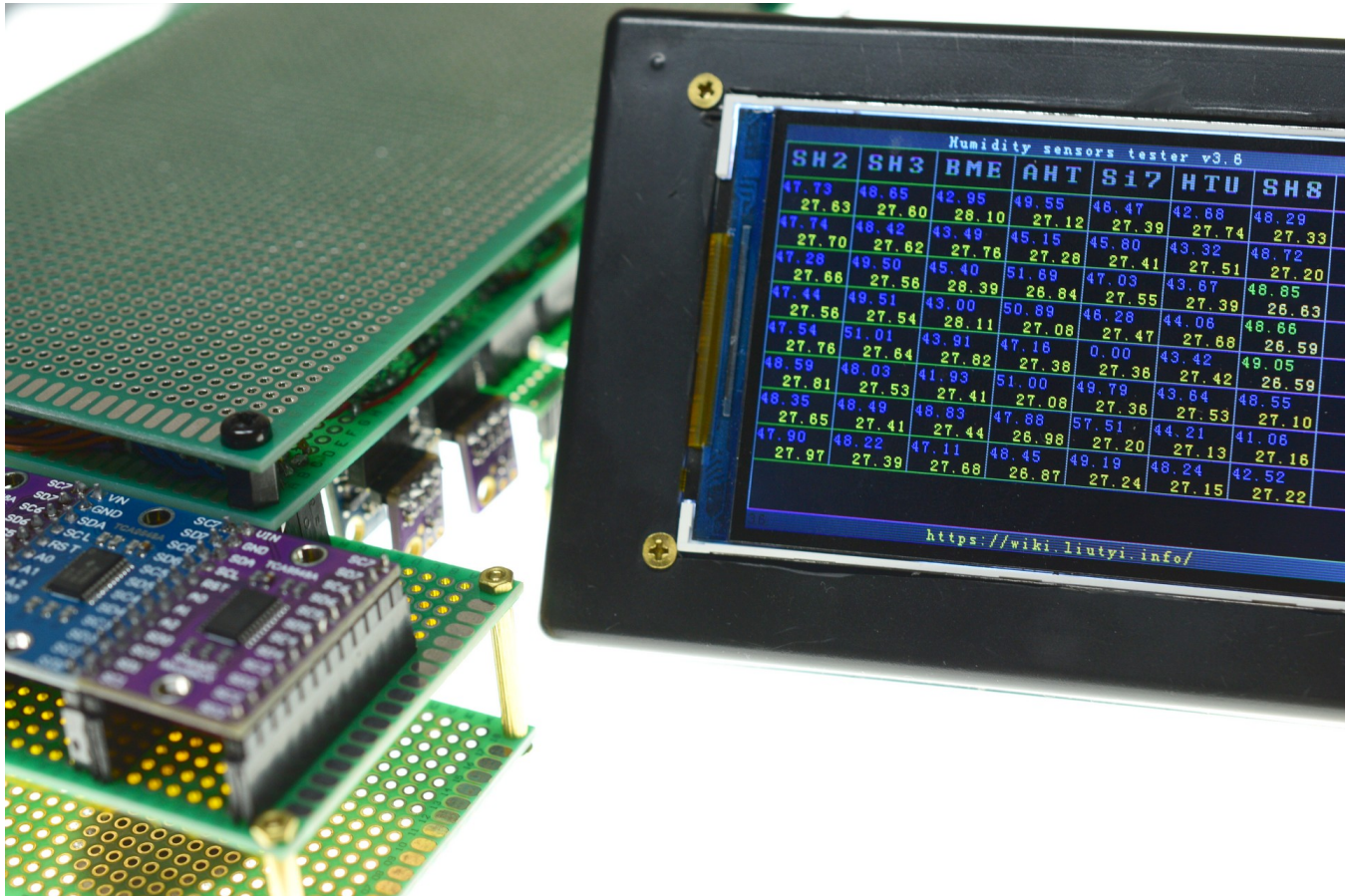
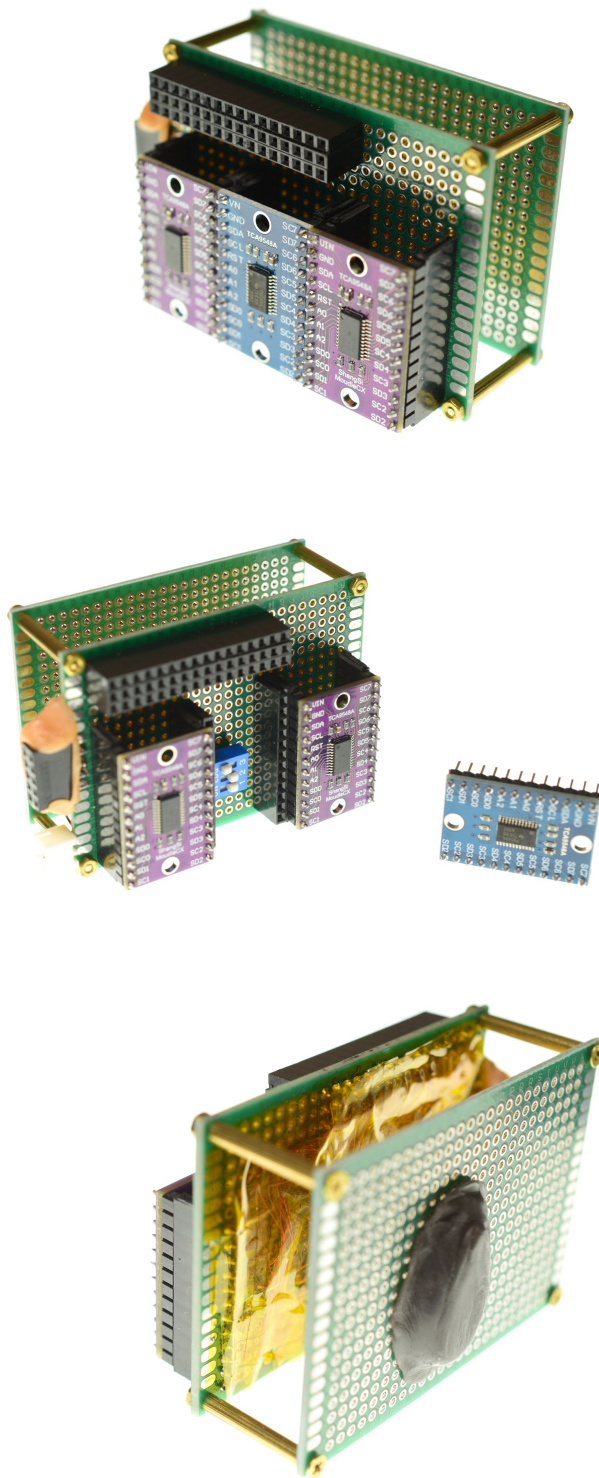


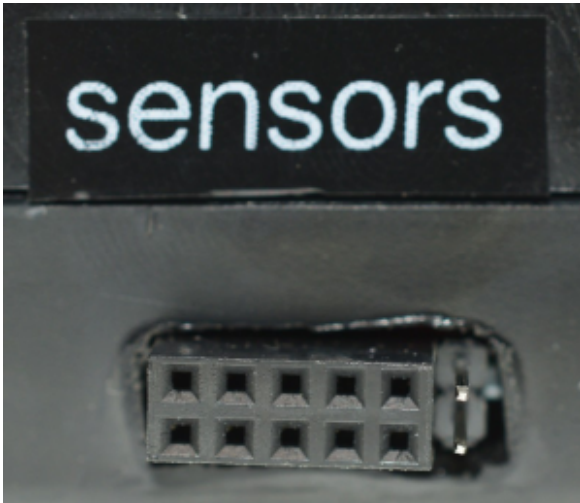
v4 Hardware details



Updated Mux board case and wiring

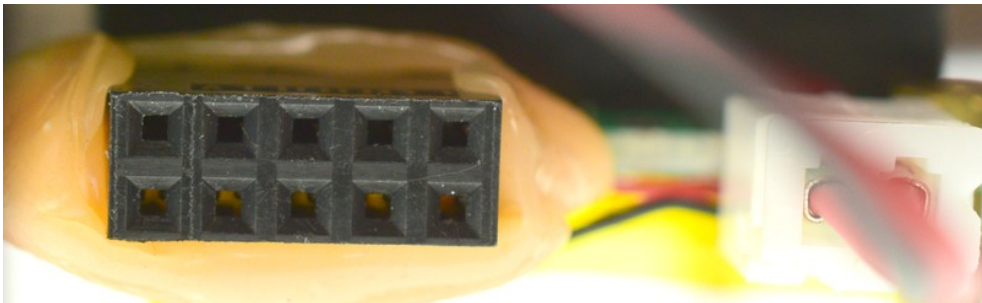


Main Unit Sensors connector



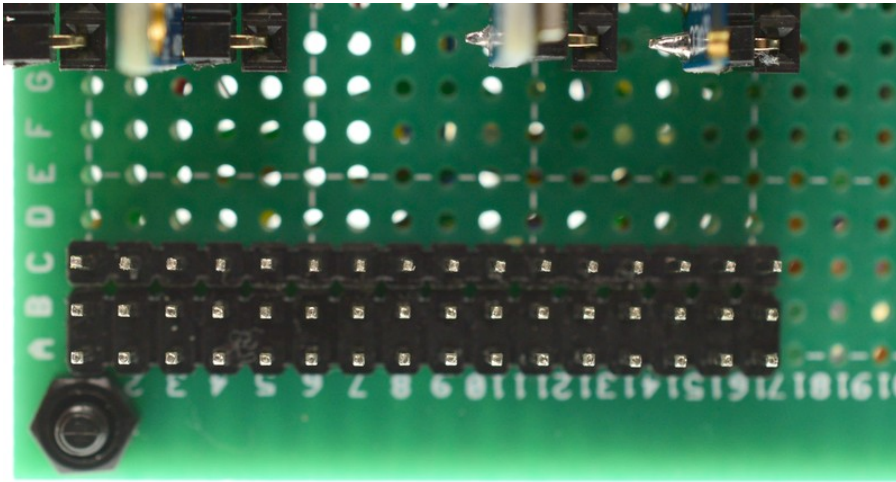
	h1	h2	h3	h4	h5	p6
3.3v	SCL	SDA	3.3v	GND	RST	NC
5v	SCL	SDA	5v	GND	RST	NC

Multiplexor 3.3v board to Main Unit connector



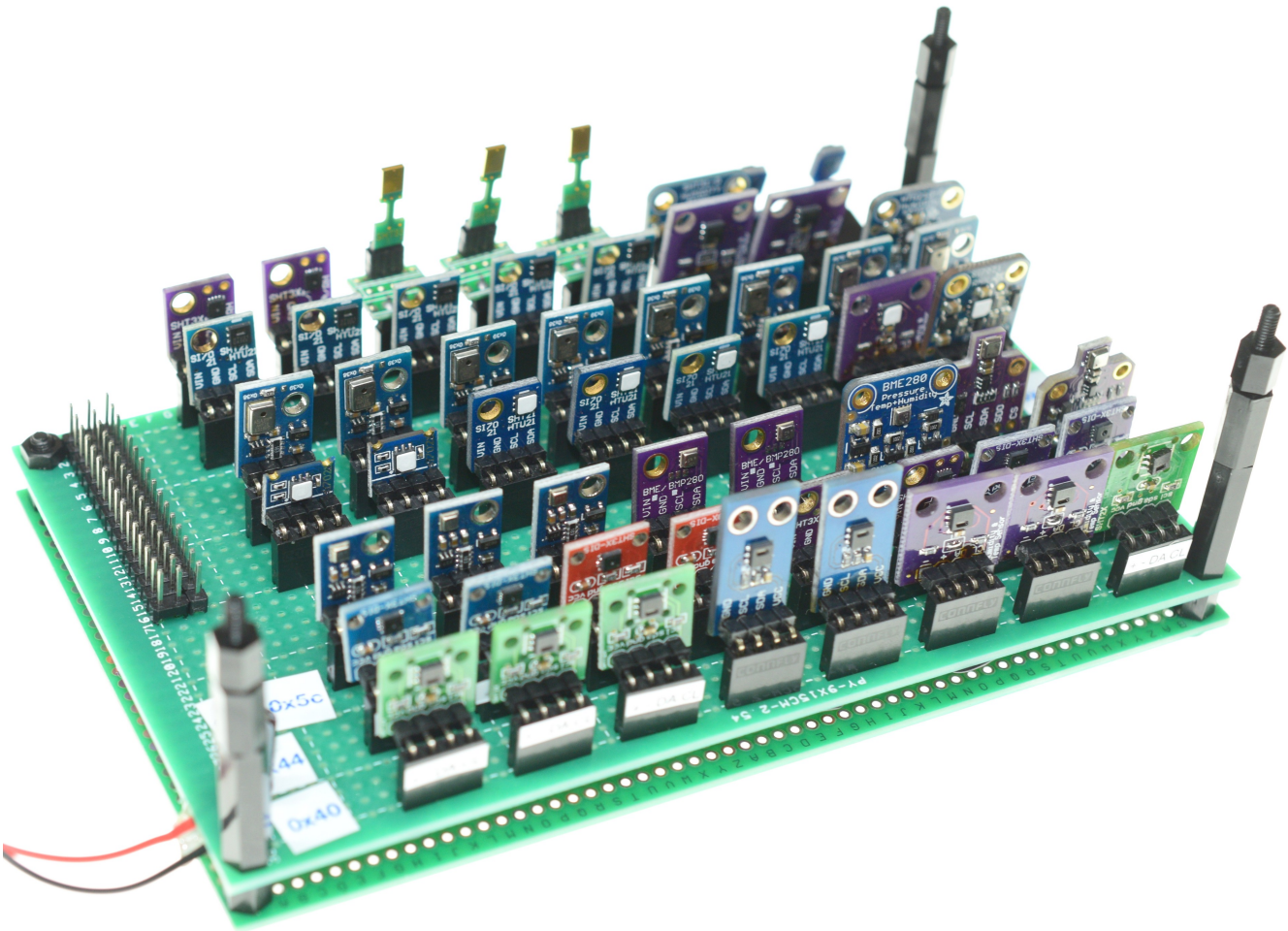
	1	2	3	4	5
1	NC	NC	NC	NC	NC
2	VIN	GND	SDA	SCL	RST

Multiplexor 3.3v Board to Sensor 3.3v Board connector



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	M2-CL1	M2-DA1	M2-CL2	M2-DA2	M2-CL3	M2-DA3	M2-CL4	M2-DA4	M2-CL5	M2-DA5	M2-CL6	M2-DA6	M2-CL7	M2-DA7	M2-CL8	M2-DA8
B	M3-CL1	M3-CL2	M3-CL3	M3-CL4	M3-CL5	M3-CL6	M3-CL7	M3-CL8	M1-CL8	M1-CL7	M1-CL6	M1-CL5	M1-CL4	M1-CL3	M1-CL2	M1-CL1
A	M3-DA1	M3-DA2	M3-DA3	M3-DA4	M3-DA5	M3-DA6	M3-DA7	M3-DA8	M1-DA8	M1-DA7	M1-DA6	M1-DA5	M1-DA4	M1-DA3	M1-DA2	M1-DA1

Sensor Board Map



MUX1	SHT2x	SHT3x	BMEx80	MUX2	AHT10	SI7021	MUX3	HTU21D	SHT85+
M1-BUS1	SHT20	SHT30	BME280	M2-BUS1	AHT10	SI7021	M3-BUS1	HTU21d	SHT31-2
M1-BUS2	SHT20	SHT30	BME280	M2-BUS2	AHT10	SI7021	M3-BUS2	HTU21d	SHT31-2
M1-BUS3	SHT20	SHT31	BME280	M2-BUS3	AHT10	SI7021-2	M3-BUS3	HTU21d	SHT85
M1-BUS4	SHT21-c	SHT31	BME280-2	M2-BUS4	AHT10	SI7021-2	M3-BUS4	HTU21d	SHT85
M1-BUS5	SHT21-c	SHT31-2	BME280-2	M2-BUS5	AHT10	SI7021-2	M3-BUS5	HTU21d	SHT85
M1-BUS6	SHT21	SHT31-2	BME280-A	M2-BUS6	AHT10	SI7021-2	M3-BUS6	HTU21d-2	SHT31-A
M1-BUS7	SHT21	SHT35	BME680	M2-BUS7	AHT10	SI7021-3	M3-BUS7	HTU21d-2	BME680-2
M1-BUS8	SHT25	SHT35	BME680	M2-BUS8	AHT10	SI7021-A	M3-BUS8	HTU21d-A	BME680-2