ID	Type	Box	Name
CB_BB01	Other	CustomBoard	PCB Panel
CB_C01	Conn	CustomBoard	Connector from DC/DC (vite)
CB_C02	Conn	CustomBoard	Connector to UPS (vite)
CB_C03	Conn	CustomBoard	Connector to RaspberryPi Ribbon 40PIN
CB_C04	Conn	CustomBoard	Connector from UPS ???-5P
CB_C05	Conn	CustomBoard	Connector for GPIO Expansion JSL-6P
CB_C06	Conn	CustomBoard	Connector for Serial Comm JSL-3P
CB_C07	Conn	CustomBoard	Connector for Weight Sensor JSL-4P
CB_W01	Wire	CustomBoard	CB_DCDCConn - CB_UPSConn (x2)
CB_W02	Wire	CustomBoard	CB_RpiHeader - CB_WeightConn (x4)
CB_W03	Wire	CustomBoard	CB_RpiHeader - CB_SerialConn (x3)
CB_W04	Wire	CustomBoard	CB_RpiHeader - CB_GPIOConn (x6)
CB_W05	Wire	CustomBoard	CB_RpiHeader - CB_UPSConn (x5)
Ext_D01	Device	External	Service Battery
Ext_D02	Device	External	Solar Panels
Ext_D03	Device	External	Vehicle Battery
Ext_W01	Wire	External	Ext_D1 - Pow_C1 (+)
Ext_W02	Wire	External	Ext_D1 - Pow_C1 (-)
Ext_W03	Wire	External	Ext_D2 - Pow_C2 (+)
Ext_W04	Wire	External	Ext_D2 - Pow_C2 (-)
Ext_W05	Wire	External	Ext_D3 - Pow_C3 (+)
Ext_W06	Wire	External	Ext_D3 - Pow_C3 (-)
Int_C01	Conn	IntBox	Connector for Light 1 (2x1)
Int_C02	Conn	IntBox	Connector for Light 2 (2x1)
Int_C03	Conn	IntBox	Connector for Fan 1 (2x1)
Int_C04	Conn	IntBox	Connector for Fan 2 (2x1)
Int_C05	Conn	IntBox	Connector for Fridge (2x1)
Int_C06	Conn	IntBox	Connector for Heating (2x1)
Int_C07	Conn	IntBox	Connector for Motor 1 - UP (2x1)
Int_C08	Conn	IntBox	Connector for Motor 1 – DOWN (2x1)
Int_C09	Conn	IntBox	Connector for IoT Power line JSL-2P
Int_C10	Conn	IntBox	Connector for GPIO Expansion JSL-6P
Int_D00	Device	IntBox	Fuses Box (x12 poles)
Int_D01	Device	IntBox	GPIO Expansion
Int_D02	Device	IntBox	Relays Module (x8)
Int_D03	Device	IntBox	Buttons Box (x8)
Int_F00	Fuse	IntBox	Fuse Integration Box
Int_F01	Fuse	IntBox	Fuse DC/DC for RaspberryPi
Int_F02	Fuse	IntBox	Fuse Light 1
Int_F03	Fuse	IntBox	Fuse Light 2
Int_F04	Fuse	IntBox	Fuse Fan 1
Int_F05	Fuse	IntBox	Fuse Fan 2
Int_F06	Fuse	IntBox	Fuse Fridge
Int_F07	Fuse	IntBox	Fuse Heating
Int_F08	Fuse	IntBox	Fuse Motor 1 – UP
Int_F09	Fuse	IntBox	Fuse Motor 1 – DOWN
Int_F10	Fuse	IntBox	FREE
Int_F11	Fuse	IntBox	FREE
Int_F12	Fuse	IntBox	FREE
Int_FB00	Fuse	IntBox	FREE
Int_W01	Wire	IntBox	Int_F0 - Int_FB0 (+)
Int_W02	Wire	IntBox	Int_FB0 (1) - IoT_D2 (+)

Int_W03	Wire	IntBox	Int_FB0 (1) - IoT_D2 (-)
Int_W04	Wire	IntBox	Int_FB0 (2) - Int_D2 (1) (+)
Int_W05	Wire	IntBox	Int_D2 (1) - Int_C1 (+)
Int_W06	Wire	IntBox	Int_FB0 (2) - Int_C1 (-)
Int_W07	Wire	IntBox	Int_FB0 (3) - Int_D2 (2) (+)
Int_W08	Wire	IntBox	Int_D2 (2) - Int_C2 (+)
Int_W09	Wire	IntBox	Int_FB0 (3) - Int_C2 (-)
Int_W10	Wire	IntBox	Int_FB0 (4) - Int_D2 (3) (+)
Int_W11	Wire	IntBox	Int_D2 (3) - Int_C3 (+)
Int_W12	Wire	IntBox	Int_FB0 (4) - Int_C3 (-)
Int_W13	Wire	IntBox	Int_FB0 (5) - Int_D2 (4) (+)
Int_W14	Wire	IntBox	Int_D2 (4) - Int_C4 (+)
Int_W15	Wire	IntBox	Int_FB0 (5) - Int_C4 (-)
Int_W16	Wire	IntBox	Int_FB0 (6) - Int_D2 (5) (+)
Int_W17	Wire	IntBox	Int_D2 (5) - Int_C5 (+)
Int_W18	Wire	IntBox	Int_FB0 (6) - Int_C5 (-)
Int_W19	Wire	IntBox	Int_FB0 (7) - Int_D2 (6) (+)
Int_W20	Wire	IntBox	Int_D2 (6) - Int_C6 (+)
Int_W21	Wire	IntBox	Int_FB0 (7) - Int_C6 (-)
Int_W22	Wire	IntBox	Int_FB0 (8) - Int_D2 (7) (+)
Int_W23	Wire	IntBox	Int_D2 (7) - Int_C7 (+)
Int_W24	Wire	IntBox	Int_FB0 (8) - Int_C7 (-)
Int_W25	Wire	IntBox	Int_FB0 (9) - Int_D2 (8) (+)
Int_W26	Wire	IntBox	Int_D2 (8) - Int_C8 (+)
Int_W27	Wire	IntBox	Int_FB0 (9) - Int_C8 (-)
Int_W28	Wire	IntBox	Int_D1 - Int_D2 (+)
Int_W29	Wire	IntBox	Int_D1 - Int_D2 (-)
Int_W30	Wire	IntBox	Int_D1 - Int_D2 (D1)
Int_W31	Wire	IntBox	Int_D1 - Int_D2 (D2)
Int_W32	Wire	IntBox	Int_D1 - Int_D2 (D3)
Int_W33	Wire	IntBox	Int_D1 - Int_D2 (D4)
Int_W34	Wire	IntBox	Int_D1 - Int_D2 (D5)
Int_W35	Wire	IntBox	Int_D1 - Int_D2 (D6)
Int_W36	Wire	IntBox	Int_D1 - Int_D2 (D7)
Int_W37	Wire	IntBox	Int_D1 - Int_D2 (D8)
Int_W38	Wire	IntBox	Int_D1 - Int_D3 (D1)
Int_W39	Wire	IntBox	Int_D1 - Int_D3 (D2)
Int_W40	Wire	IntBox	Int_D1 - Int_D3 (D3)
Int_W41	Wire	IntBox	Int_D1 - Int_D3 (D4)
Int_W42	Wire	IntBox	Int_D1 - Int_D3 (D5)
Int_W43	Wire	IntBox	Int_D1 - Int_D3 (D6)
Int_W44	Wire	IntBox	Int_D1 - Int_D3 (D7)
Int_W45	Wire	IntBox	Int_D1 - Int_D3 (D8)
IoT_C01	Conn	IoTBox	Connector for IoT Power line JSL-2P
IoT_D01	Device	IoTBox	RaspberryPi
IoT_D02	Device	IoTBox	DC/DC for RaspberryPi
IoT_D03	Device	IoTBox	UPS Pack
IoT_D04	Device	IoTBox	UPS Battery
IoT_D05	Device	IoTBox	SIM7600E-H
IoT_D06	Device	IoTBox	Sense Hat (c)
IoT_D07	Device	IoTBox	Custom Board
IoT_D08	Device	IoTBox	Weight sensor
IoT_D09	Device	IoTBox	Gas MQ-2 Propane Sensor

IoT_D10	Device	IoTBox	Gas MQ-7 CO2 Sensor
IoT_W00	Wire	IoTBox	IoT_D1 - IoT_D7 (40 PIN)
IoT_W01	Wire	IoTBox	IoT_D2 - IoT_D7 (+)
IoT_W02	Wire	IoTBox	IoT_D2 - IoT_D7 (-)
IoT_W03	Wire	IoTBox	IoT_D7 - IoT_D3 (USB)
IoT_W04	Wire	IoTBox	IoT_D3 - IoT_D7 (+)
IoT_W05	Wire	IoTBox	IoT_D3 - IoT_D7 (-)
IoT_W06	Wire	IoTBox	IoT_D3 - IoT_D7 (Tx)
IoT_W07	Wire	IoTBox	IoT_D3 - IoT_D7 (Rx)
IoT_W08	Wire	IoTBox	IoT_D3 - IoT_D7 (STA)
IoT_W09	Wire	IoTBox	IoT_D3 - IoT_D4 (+)
IoT_W10	Wire	IoTBox	IoT_D3 - IoT_D4 (-)
IoT_W11	Wire	IoTBox	IoT_D5 - IoT_D7 (40 PIN)
IoT_W12	Wire	IoTBox	IoT_D6 - IoT_D7 (40 PIN)
IoT_W13	Wire	IoTBox	IoT_D8 - IoT_D7 (+)
IoT_W14	Wire	IoTBox	IoT_D8 - IoT_D7 (-)
IoT_W15	Wire	IoTBox	IoT_D8 - IoT_D7 (SCK)
IoT_W16	Wire	IoTBox	IoT_D8 - IoT_D7 (DT)
IoT_W17	Wire	IoTBox	IoT_D9 - IoT_D6 (+)
IoT_W18	Wire	IoTBox	IoT_D9 - IoT_D6 (-)
IoT_W19	Wire	IoTBox	IoT_D9 - IoT_D6 (AOUT)
IoT_W20	Wire	IoTBox	IoT_D9 - IoT_D6 (DOUT)
IoT_W21	Wire	IoTBox	IoT_D10 - IoT_D6 (+)
IoT_W22	Wire	IoTBox	IoT_D10 - IoT_D6 (-)
IoT_W23	Wire	IoTBox	IoT_D10 - IoT_D6 (AOUT)
IoT_W24	Wire	IoTBox	IoT_D10 - IoT_D6 (DOUT)
IoT_W25	Wire	IoTBox	IoT_D7 - Int_D1 (+)
IoT_W26	Wire	IoTBox	IoT_D7 - Int_D1 (-)
IoT_W27	Wire	IoTBox	IoT_D7 - Int_D1 (SDA)
IoT_W28	Wire	IoTBox	IoT_D7 - Int_D1 (SCL)
IoT_W29	Wire	IoTBox	IoT_D7 - Int_D1 (INT)
IoT_W30	Wire	IoTBox	IoT_D7 - Int_D1 (RST)
Pow_BB01	Other	PowerBox	Main Bus Bar
Pow_C01	Conn	PowerBox	Connector Service Battery
Pow_C02	Conn	PowerBox	Connector Solar Panels
Pow_C03	Conn	PowerBox	Connector Vehicle Battery
Pow_D01	Device	PowerBox	Inverter
Pow_D02	Device	PowerBox	Solar Charger
Pow_D03	Device	PowerBox	DC/DC or CSB2
Pow_D04	Device	PowerBox	Power Charger
Pow_F01	Fuse	PowerBox	Fuse Inverter
Pow_F02	Fuse	PowerBox	Fuse Solar Charger
Pow_F03	Fuse	PowerBox	Fuse Vehicle Battery
Pow_F04	Fuse	PowerBox	Fuse Power Charger
Pow_SW01	Other	PowerBox	Switch Service Battery
Pow_SW02	Other	PowerBox	Switch Solar Panels
Pow_SW03	Other	PowerBox	Switch Vehicle Battery
Pow_W00	Wire	PowerBox	Pow_D2 - IoT_D1 (Serial)
Pow_W01	Wire	PowerBox	Pow_BB1 - Pow_SW1 (+)
Pow_W02	Wire	PowerBox	Pow_SW1 - Pow_C1 (+)
Pow_W03	Wire	PowerBox	Pow_BB1 - Pow_C1 (-)
Pow_W04	Wire	PowerBox	Pow_BB1 - Pow_F2 (+)
Pow_W05	Wire	PowerBox	Pow_F2 - Pow_D2 (+)

Pow_W06	Wire	PowerBox	Pow_BB1 - Pow_D2 (-)
Pow_W07	Wire	PowerBox	Pow_D2 - Pow_SW2 (+)
Pow_W08	Wire	PowerBox	Pow_SW2 - Pow_C2 (+)
Pow_W09	Wire	PowerBox	Pow_D2 - Pow_C2 (-)
Pow_W10	Wire	PowerBox	Pow_D2 - Int_F0 (+)
Pow_W11	Wire	PowerBox	Pow_D2 - Int_FB0 (-)
Pow_W12	Wire	PowerBox	Pow_BB1 - Pow_F3 (+)
Pow_W13	Wire	PowerBox	Pow_F3 - Pow_D3 (+)
Pow_W14	Wire	PowerBox	Pow_BB1 - Pow_D3 (-)
Pow_W15	Wire	PowerBox	Pow_D3 - Pow_SW3 (+)
Pow_W16	Wire	PowerBox	Pow_SW3 - Pow_C3 (+)
Pow_W17	Wire	PowerBox	Pow_BB1 - Pow_C3 (-)
~~Pow_W17.b~~	Wire	PowerBox	Pow_D3 - Pow_C3 (-)
Pow_W18	Wire	PowerBox	Pow_BB1 - Pow_F1 (+)
Pow_W19	Wire	PowerBox	Pow_F1 - Pow_D1 (+)
Pow_W20	Wire	PowerBox	Pow_BB1 - Pow_D1 (-)
Pow_W21	Wire	PowerBox	Pow_BB1 - Pow_F4 (+)
Pow_W22	Wire	PowerBox	Pow_F4 - Pow_D4 (+)
Pow_W23	Wire	PowerBox	Pow_BB1 - Pow_D4 (-)