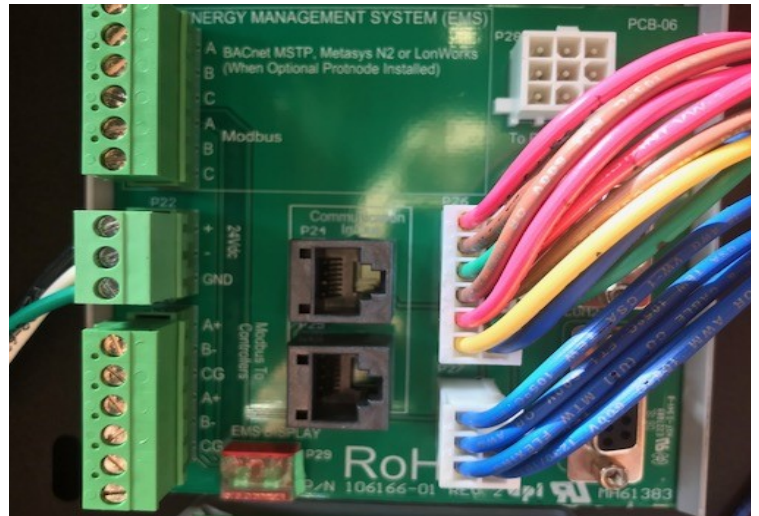
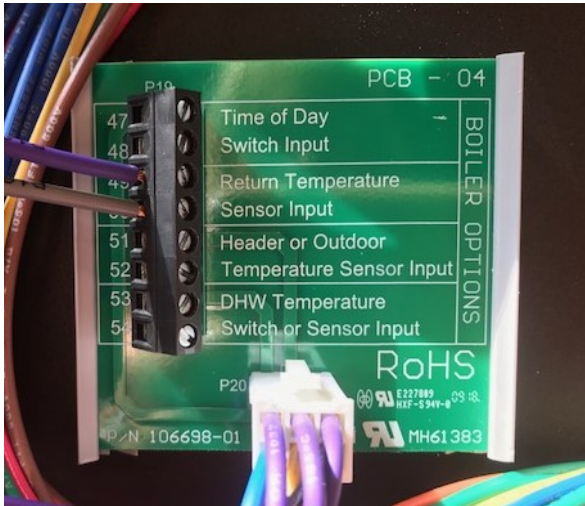


# Peer to Peer on ARCTIC boilers

PCB's on ARCTIC Boilers for ease of connections



Peer to Peer and BMS use RJ45 Ethernet cable in one of the plugs on PCB06 and plug the other end into the next boiler (no hard wiring to lugs)

**Master boiler must have a header sensor to enable Boiler to Boiler function Wire it to PCB04 term 51 & 52**

On the Display tap Adjust

Tap Sequencer Master

Tap the lock at the top of the screen Type in 86 enter to unlock the display. The lock will turn green

Enable the Mater

Tap the return arrow top right

Tap sequence slave and name the master modbus address 1 (this is not the BMS address. This is used for boiler to boiler only)

On the slave boilers tap on sequencer slave and name them 2, 3, 4 etc.

On the master boiler home screen under the dial that says "HEADER" you should now see Sequencer Master, boiler 1,2,3 etc. Then you know they are communicating.

## **TO USE OUTDOOR RESET WITH OUR 10K OHM OUTDOOR SENSOR:**

To use outdoor reset with our 10k ohm sensor, wire it to one of the slave boilers on PCB 04 term 51 & 52.

On that boiler only, tap system, tap outdoor sensor and change it to WIRED

On the **Master boiler** only, tap adjust

tap outdoor reset

Whatever you have in for central heat setpoint will be the temp on the reset curve for the coldest temp outside. The rest of the curve gets programmed in under outdoor reset.

When finished tap GRAPH and it will display your setup, the setpoint and the outdoor temperature.