

**IMPORTANT NOTES FOR CONTROLLER CIRCUIT CARD VERSION 1.3**  
**Sep 28, 2020**

**NOTE 1 - IO TEST JUMP TERMINALS**

***CAUTION: When the controller board is placed in IO TEST mode, each of the 8 relays are energized in sequence for one second. If the A/C units are plugged into the controller board during this test, the blowers and compressor will attempt to start. Its recommended to NOT allow the compressors to start more than once or twice while in test mode, this could cause an overload.***

There are two jumper terminals beside the ESP32 module, pins 2 and 3. Momentarily jumpering these together will place the controller in a IO self test mode. To exit out of test mode, recycle power to the circuit board. These terminals will be relocated and possibly a pushbutton added at the next revision.

**NOTE 2 - GND test point.**

Although its marked GND (ground) this test point isn't connected to anything. This will be corrected in the next production run of circuit boards.

In the mean time, carefully use pin the ground connection on the power plug.

