

100221507-03-A 4K Camera Controller

ECO List for REV. A PCB

09JUL21 – mrc

19JUL21 – mrc. Added 5V ref. pull-down.

27JUL21 – mrc. Added eco#3.

24AUG21 – mrc. Added eco#4 & 5.

ECO #1: Reconfigure U19 A/D for proper input connections.

- A. Remove R25 and R31.
- B. Connect blue wire from R31 PAD on U19 side to R30 PAD on U18A side.
- C. Connect blue wire from R25 PAD on U19 side to U18B pins 6 or 7. Note 6&7 are connected together on PCB.

ECO #2: Add pull-down to 5V reference input so that is held low when reference voltage is not present.

- A. Place 210K Ohm resistor in parallel with C95.

ECO #3: Remove pull-down from overtemp shutdown circuit (do not stuff on new builds).

- A. Remove resistor R50 from PCB.

ECO #4: Remove load resistors from water alarm shutdown circuit.

- A. Remove resistor R8 from PCB (do not stuff on new builds).
- B. Remove resistor R11 from PCB (do not stuff on new builds).

ECO #5: Connect 3.3V to U8.

- A. Connect blue wire from NOT common side of C73 to pin of TP3 (3.3V) on bottom side of PCB.