

100221507-04-A 4K Camera Lapbox ECO

List for REV. A PCB

09JUL21 – mrc

ECO #1: Reconfigure U16 A/D for proper input connections.

- A. Remove R8 and R13.
- B. Connect blue wire from R13 PAD on U16 side to U15A PIN 1.
- C. Connect blue wire from R8 PAD on U16 side to U15B pins 6 or 7. Note 6&7 are connected together on PCB.

ECO #2: Change analog input resistor values.

- A. Replace R14 with 100 Ohm resistor.
- B. Replace R45 with 35.70 K Ohm resistor.
- C. Replace R22 with 30.10 K Ohm resistor.
- D. Replace R21 with 26.7 K Ohm resistor.
- E. Replace R19 with 100 Ohm resistor.
- F. Replace R44 with 35.70 K Ohm resistor.
- G. Replace R28 with 30.10 K Ohm resistor.
- H. Replace R29 with 26.7 K Ohm resistor.

ECO #3: Take out resistors.

- A. Replace R47 and R27 with either 0 Ohm resistor or bridge pads.

ECO #4: Replace resistors.

- A. Replace R33 and R46 with 232 Ohm resistors.

ECO #5: Change COM power source to 24V on LED low side drivers.

- A. Raise PIN 9 lead from PAD on U3 and U2.
- B. Blue wire U3 and U2 PIN 9 to positive (+) side of C19 (24V source).