

PC3860M1 to PC3860M2: Modifications

1. Add a 4K7 pull-up resistor from pin 1 of U20, 21, 22, 23, 24, 25, 26, 27 because the output of the comparators is open collector.
2. Removal of two D-type latches (U76 and U77) as these cause false triggers and connect event lines to where the outputs of the latches went.
3. Change U83 and U84 to 74LVC equivalents so they can be driven by 5V.
4. Swap over TX and Rx signals on the ESP32 module so that they can talk to the TEENSY modules.
5. Remove R67 through R74. These were feedback resistors designed to give some hysteresis to the event comparator but this can recharge the peak hold capacitor.
6. Change power socket to two pin version of the LED drive plugs.