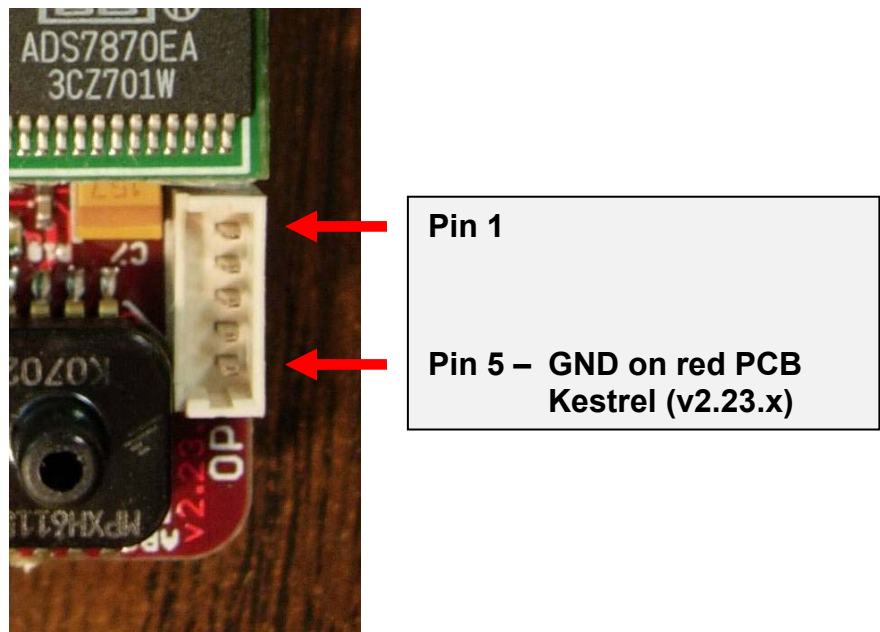


Notice for Kestrel Autopilots Red Main Board PCB (v2.23)

Serial Numbers 1550 to 1799

Pin 5 of the analog to digital port (labeled OPT) is connected to ground. Pin 5 of the OPT port in previous hardware versions was configured as an analog input used to optionally measure external voltages. This analog input has re-directed for use to measure the voltage of the servo power bus. This change will impact existing Kestrel autopilot wiring harnesses that make use of optional analog input 3 (pin 5 of the OPT port). Connecting a powered device to this pin may cause damage to the device and a short circuit.



We feel that this change will not impact most users. This change will only impact those who use pin 5 of the optional port to measure voltages. If you have a wiring harness that makes use of pin 5, the wiring harness will need to be changed to prevent shorting of the voltage to be measured to ground. Optionally, the autopilot can be modified for backwards compatibility with existing wiring harnesses that make use of this pin. If you would like this pin removed to avoid potential issues we would be happy to do so for you.