

## Engineering Change Order CMS-Source Driver

### Electric Driver Controller - Revision A

**CORRECTION 1 of 2:** Cut the trace that runs from pin U1.37 to pin RN1.6 near the pad of pin RN1.6 (approximately 0.020" from the pad). Add a jumper to electrically connect pin U1.37 to pin RN1.7 by attaching one side of the jumper to the cut-end of the previously cut trace, and the other side to pin RN1.7 (See: Figure 1 for a close up detail of RN1). The jumper should not be covered by any components.

Note: Performing this modification with a fully populated board maybe difficult. Prioritize assembly order to make the modification process easier.

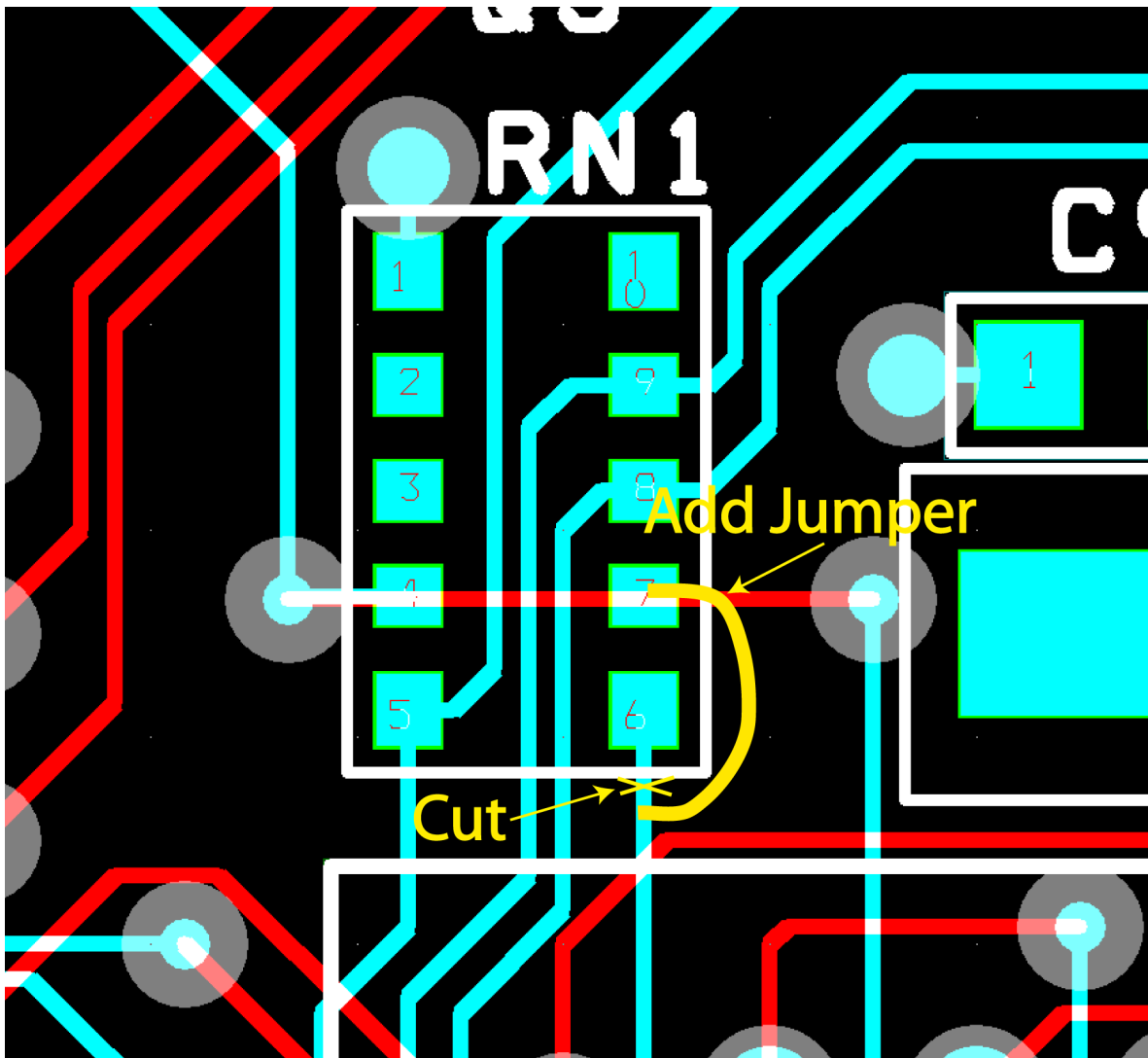


Figure 1. RN1 PCB Detail - Electric Drive Controller Rev.A

## **Electric Driver Controller - Revision A (Continued)**

**CORRECTION 2 of 2:** All resistor networks must be installed up-side-down. This includes the following resistor networks with the reference designator RN1, RN4, and RN5 (See: "Bill of Materials" item numbers 28 and 29). When installed properly, the white surface of the resistor networks should be face up and the the dark surface with the part numbering should be face down. The resistor networks do not have rotational orientation. In other words, pin one of the resistor network can be soldered to either pin one or pin six of the footprint.