

## MEMORANDUM

DATE: February 22, 2018

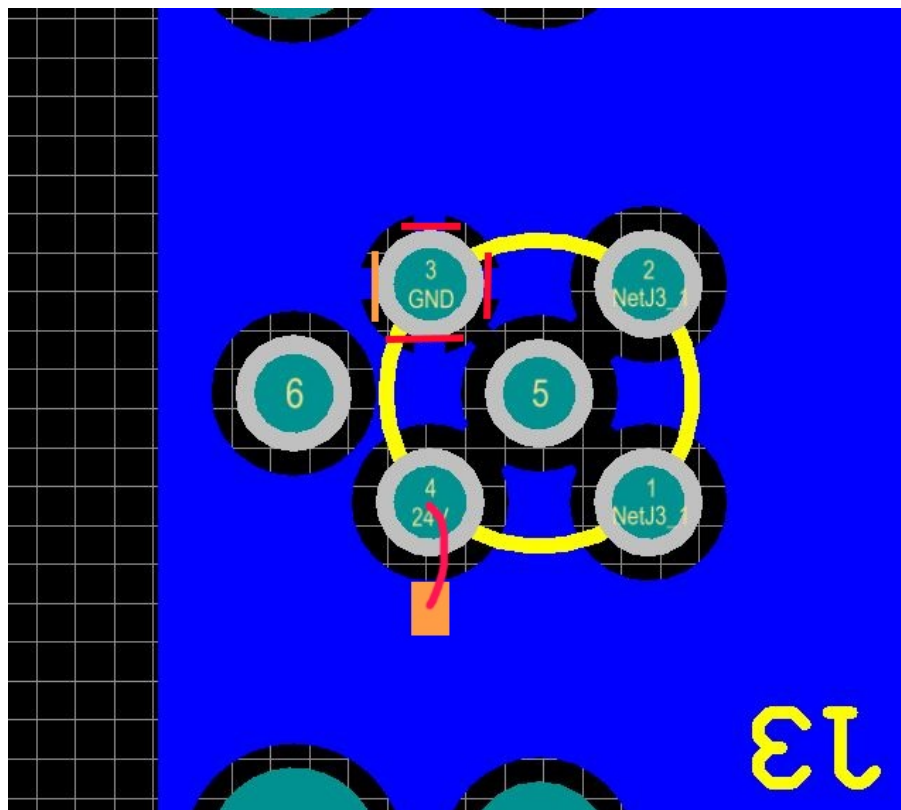
TO: SQZ team  
FROM: Daniel Sigg, Marc Pirello  
SUBJECT: Modifications to the Optical Fiber Switch  
Refer to: LIGO-E1700364-v2

This document lists the modifications to the Optical Fiber Switch based on v1 schematic located here [D1700326](#).

### Board modifications

#### Change 1:

Cut all four thermals on underside of PCB around pin 3, ensure they are not electrically connected to the GND plane. Also, remove solder mask next to pin 4 and bridge from pin 4 to the cleared solder mask (pad).



Change 2:

Cut 24V trace originating at J3 pin 4 as shown. Jump from J3 pin 3 to Cathode at D3.

