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# MEMORANDUM

DATE: February 22, 2018

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| 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](https://dcc.ligo.org/LIGO-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.

