Mux:

1. Link: <http://www.ti.com/lit/ds/symlink/cd74hc4067.pdf>
   1. Digi-Key Part #: [296-9226-1-ND](https://www.digikey.com/product-detail/en/texas-instruments/CD74HC4067SM96/296-9226-1-ND/376978)
   2. SOIC: <https://www.digikey.com/product-detail/en/texas-instruments/CD74HC4067M96/296-29408-2-ND/1507236>
   3. Voltage range: 2-6V (only has details for 2, 4, and 6 V).
   4. Multiplexer/Demultiplexer circuit: 16:1
   5. Price: $.38
2. A-D with Mux compare (price)
3. Check A-D for A-D built in voltage. 0-1V
4. USPS

Aux:

1. <https://www.amazon.com/gp/huc/view.html?ie=UTF8&newItems=C10de19e9-9e1f-4409-ad12-5c9f6bc3ec91%2C1>

Connector:

1. <https://www.digikey.com/product-detail/en/phoenix-contact/1792876/277-2519-ND/3439931>

Fuse:

1. [https://www.digikey.com/product-detail/en/eaton/BK-PCB-1-2-R/283-2757-ND/954k337](https://www.digikey.com/product-detail/en/eaton/BK-PCB-1-2-R/283-2757-ND/954337)