1. **Rectifier**
   1. **Diode:** Reverse Voltage 300V min. Current 1A Avg, 10A surge

<https://www.digikey.com/en/products/detail/smc-diode-solutions/FR2GTA/5993216>

(above+)

<https://www.bourns.com/docs/Product-Datasheets/CD214B-R250_R21000.pdf>

* 1. **Capacitor:** 300V (1mF)

<https://www.digikey.com/en/products/detail/kemet/ALF20G102EJ450/8681391>

<https://www.digikey.com/en/products/detail/kemet/ALF20G102EP500/8681394>

1. **Buck Converter**
   1. **Mosfet:**  300V blocking, 2A cont. Current min.

<https://www.onsemi.com/products/discretes-drivers/mosfets/fdd5n50nz>

* 1. **Inductor:** 300V, 2A min.

<https://www.mouser.com.tr/ProductDetail/EPCOS-TDK/B82615B2202M001/?qs=sGAEpiMZZMv126LJFLh8y6G9bCNb%2F89QTGInlxA0fzI%3D>

* 1. **Diode:** 300V, 2A min.

<https://www.digikey.com/en/products/detail/taiwan-semiconductor-corporation/S4G-V6G/8017559>

* 1. **Capacitor:** 25V

<https://www.digikey.com/en/products/detail/nichicon/UVK1V102MHD/2539435>

<https://www.digikey.com/en/products/detail/illinois-capacitor/108RZM035M1325/5410896>

(2nd one)