I2S to audio jack on Raspberry PI - Audio out from RPI Adafruit I2S Stereo Decoder - UDA1334A Breakout - Elmwood Electronics

buffer / inverter for door sensor to teensy - to make sure that the door sensor is not loaded

Making power supply to the relay

- Cut out standard USB cable
- or
 SparkFun Breadboard Power Supply USB 5V/3.3V Elmwood Electronics