Shutter / i2c device S1 / Magnetic sensor S2 / Magnetic sensor MCU R2 10kΩ D1/T AREF D3 PWN R1 10kΩ D5 PWN D6 PWN Arduino Uno (Rev3) LED1 Red (633nm) LED2 Red (633nm) A4/SDA D9 PWN IC1 D10 PWM/S D11 PWM/MOS D12/MISO Out 1 (Controlled by Enable 1) Out 4 (Controlled by Enable 2 L293D

Out 3 (Controlled by Enable 2

Out 2 (Controlled by Enable 1)