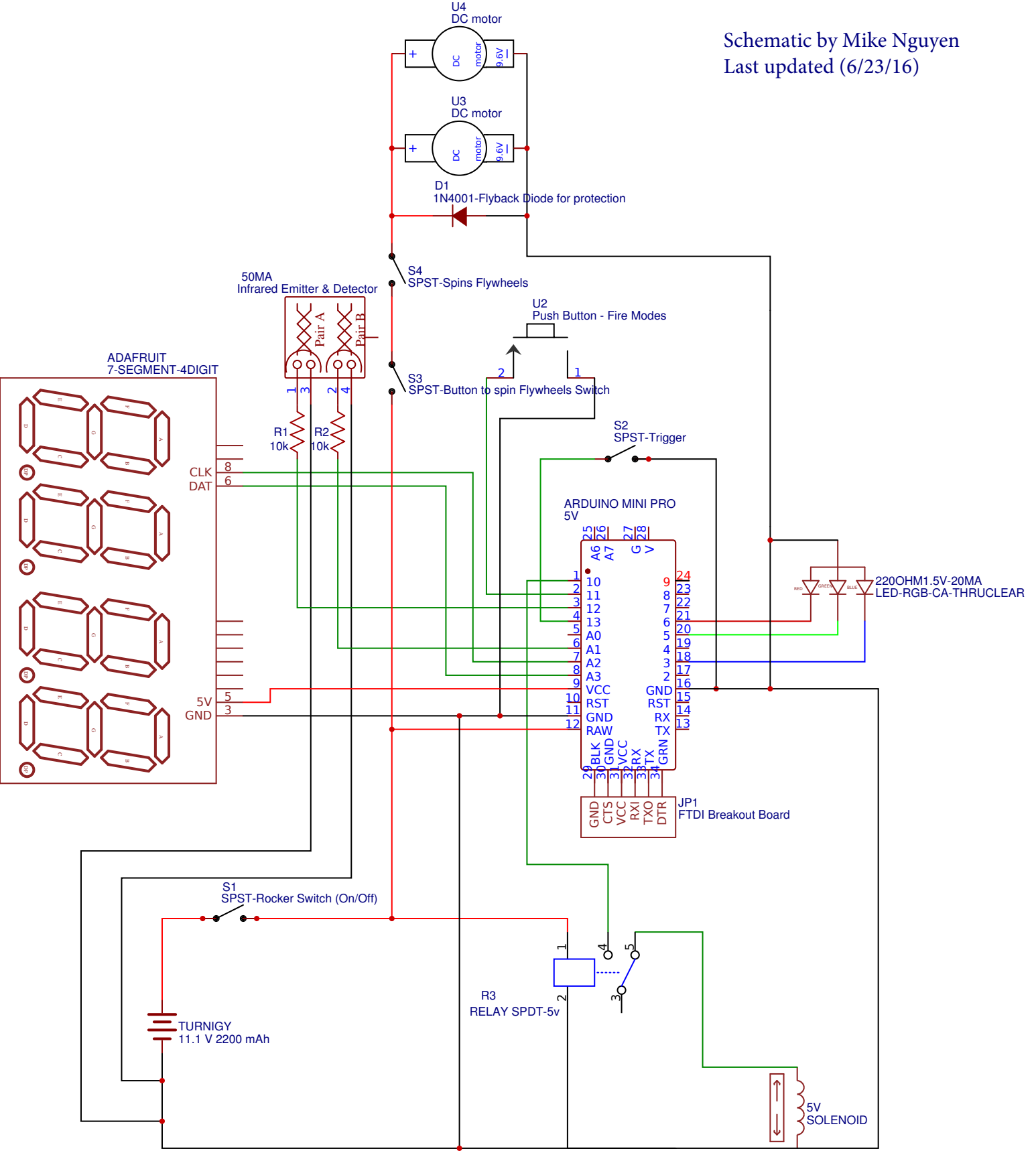
Schematic by Mike Nguyen
Last updated (6/23/16)
U4
DC motor
U3
DC motor
D1
1N4001-Flyback Diode for protection
S4
SPST-Spins Flywheels
50MA
Infrared Emitter & Detector
Pair A
Pair B
U2
Push Button - Fire Modes
S3
SPST-Button to spin Flywheels Switch
ADAFRUIT
7-SEGMENT-4DIGIT
R1
10k
R2
10k
CLK
DAT
5V
GND
S2
SPST-Trigger
ARDUINO MINI PRO
5V
220OHM1.5V-20MA
LED-RGB-CA-THRUCLEAR
JP1
FTDI Breakout Board
S1
SPST-Rocker Switch (On/Off)
TURNIGY
11.1 V 2200 mAh
R3
RELAY SPDT-5v
5V
SOLENOID