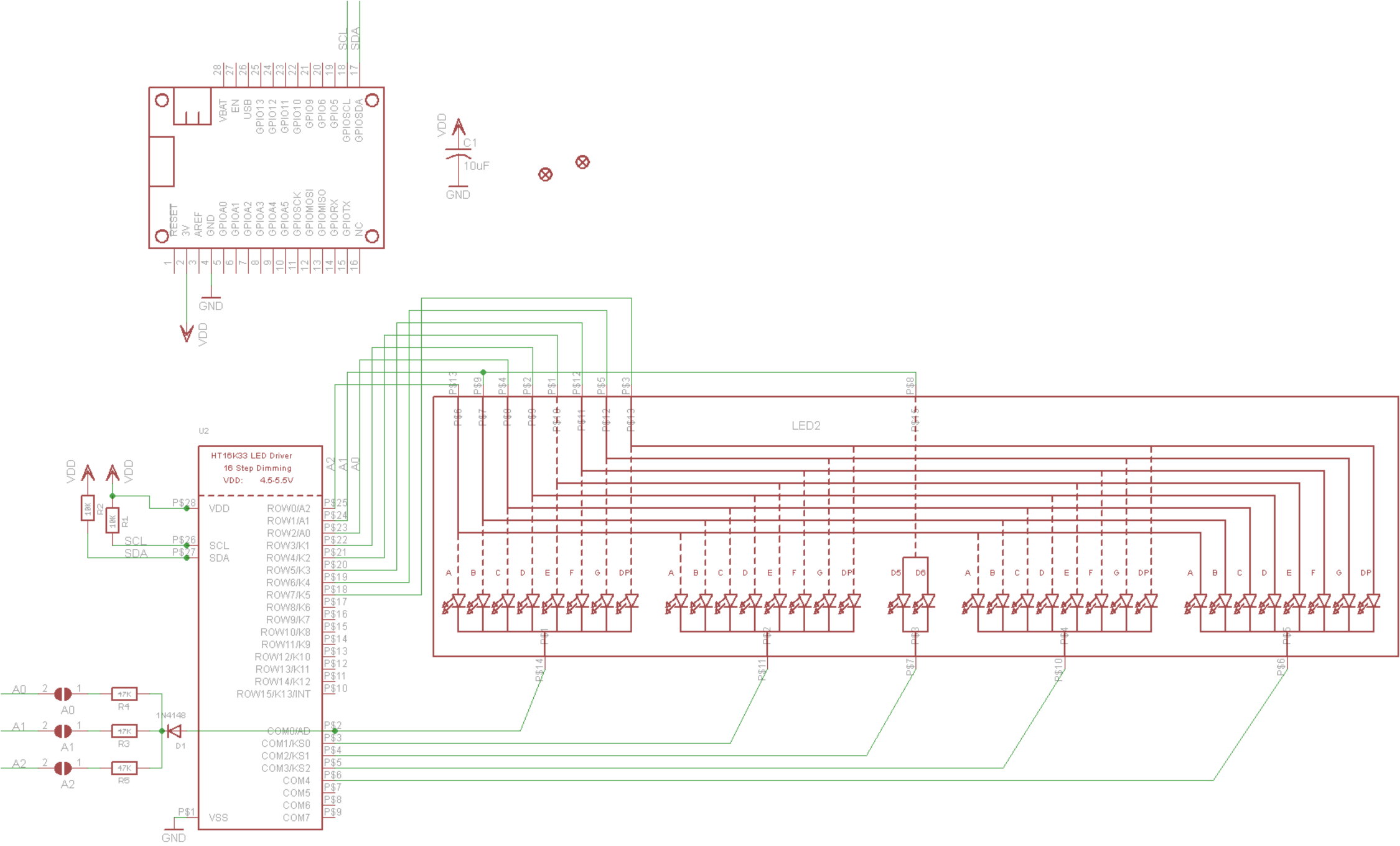
SCL
SDA
VBAT
EN
USB
GPIO13
GPIO12
GPIO11
GPIO10
GPIO9
GPIO6
GPIO5
GPIOSCL
GPIOSDA
RESET
3V
AREF
GND
GPIOA0
GPIOA1
GPIOA2
GPIOA3
GPIOA4
GPIOA5
GPIOSCK
GPIOMOSI
GPIOMISO
GPIORX
GPIOTX
NC
VDD
C1
10uF
GND
U2
HT16K33 LED Driver
16 Step Dimming
VDD: 4.5-5.5V
VDD
SCL
SDA
ROW0/A2
ROW1/A1
ROW2/A0
ROW3/K1
ROW4/K2
ROW5/K3
ROW6/K4
ROW7/K5
ROW8/K6
ROW9/K7
ROW10/K8
ROW11/K9
ROW12/K10
ROW13/K11
ROW14/K12
ROW15/K13/INT
COM0/AD
COM1/KS0
COM2/KS1
COM3/KS2
COM4
COM5
COM6
COM7
VSS
R1
R2
R3
R4
R5
10K
47K
1N4148
D1
A0
A1
A2
LED2
A
B
C
D
E
F
G
DP
D5
D6