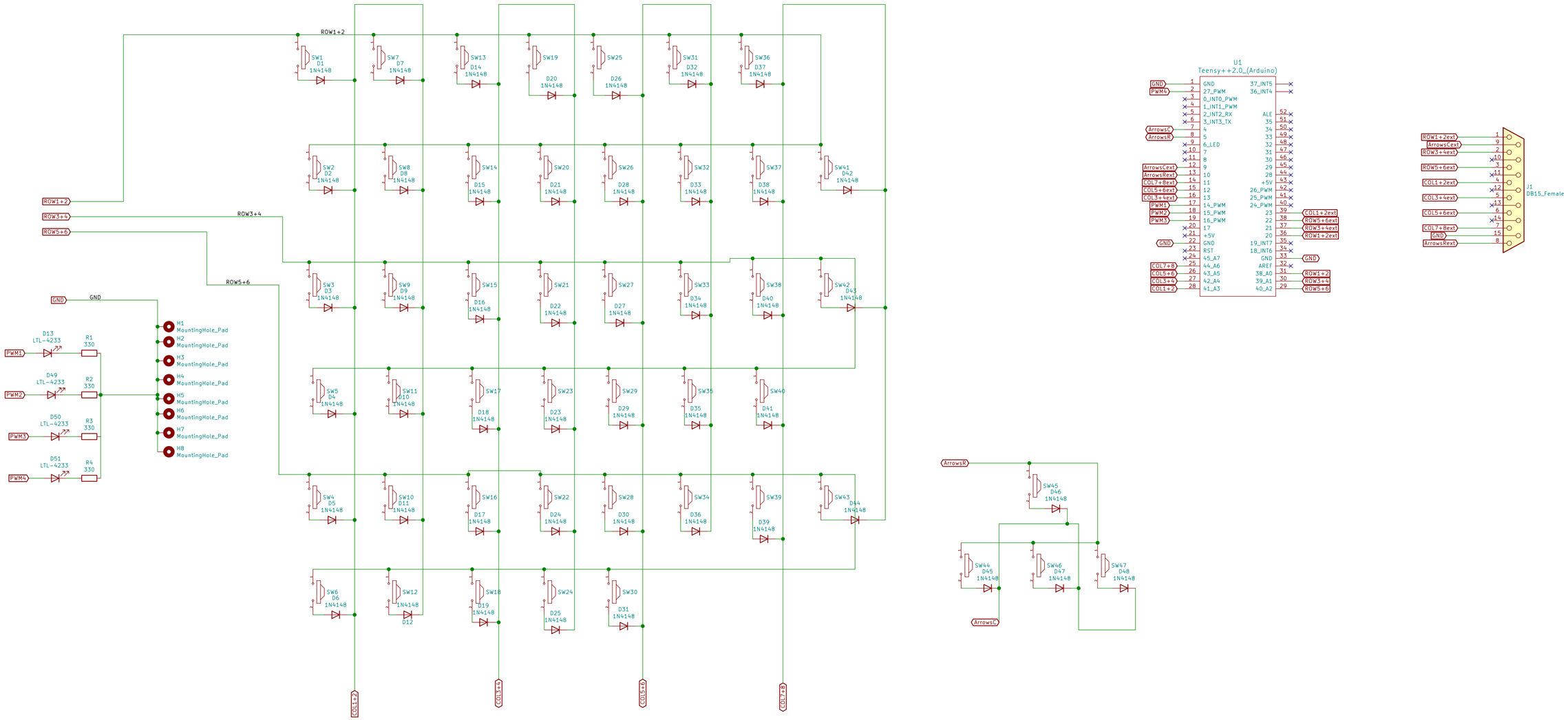
ROW1+2
ROW3+4
ROW5+6
GND
PWM1
PWM2
PWM3
PWM4
D13 LTL-4233 R1 330
D49 LTL-4233 R2 330
D50 LTL-4233 R3 330
D51 LTL-4233 R4 330
H1 MountingHole_Pad
H2 MountingHole_Pad
H3 MountingHole_Pad
H4 MountingHole_Pad
H5 MountingHole_Pad
H6 MountingHole_Pad
H7 MountingHole_Pad
H8 MountingHole_Pad
SW1 D1 1N4148
SW2 D2 1N4148
SW3 D3 1N4148
SW4 D5 1N4148
SW5 D4 1N4148
SW6 D6 1N4148
SW7 D7 1N4148
SW8 D8 1N4148
SW9 D9 1N4148
SW10 D11 1N4148
SW11 D10 1N4148
SW12 1N4148 D12
SW13 D14 1N4148
SW14 D15 1N4148
SW15 D16 1N4148
SW16 D17 1N4148
SW17 D18 1N4148
SW18 D19 1N4148
SW19 D20 1N4148
SW20 D21 1N4148
SW21 D22 1N4148
SW22 D24 1N4148
SW23 D23 1N4148
SW24 D25 1N4148
SW25 D26 1N4148
SW26 D28 1N4148
SW27 D27 1N4148
SW28 D30 1N4148
SW29 D29 1N4148
SW30 D31 1N4148
SW31 D32 1N4148
SW32 D33 1N4148
SW33 D34 1N4148
SW34 D36 1N4148
SW35 D35 1N4148
SW36 D37 1N4148
SW37 D38 1N4148
SW38 D40 1N4148
SW39 D39 1N4148
SW40 D41 1N4148
SW41 D42 1N4148
SW42 D43 1N4148
SW43 D44 1N4148
COL1+2
COL3+4
COL5+6
COL7+8
ArrowsR
ArrowsC
SW44 D45 1N4148
SW45 D46 1N4148
SW46 D47 1N4148
SW47 D48 1N4148
U1
Teensy++2.0_(Arduino)
GND
PWM4
ArrowsC
ArrowsR
ArrowsCext
ArrowsRext
COL7+8ext
COL5+6ext
COL3+4ext
PWM1
PWM2
PWM3
COL7+8
COL5+6
COL3+4
COL1+2
1 GND
2 27_PWM
3 0_INT0_PWM
4 1_INT1_PWM
5 2_INT2_RX
6 3_INT3_TX
7 4
8 5
9 6_LED
10 7
11 8
12 9
13 10
14 11
15 12
16 13
17 14_PWM
18 15_PWM
19 16_PWM
20 17
21 +5V
22 GND
23 RST
24 45_A7
25 44_A6
26 43_A5
27 42_A4
28 41_A3
37_INT5 ×
36_INT4 ×
ALE 52
35 51
34 50
33 49
32 48
31 47
30 46
29 45
28 44
+5V 43
26_PWM 42
25_PWM 41
24_PWM 40
23 39 COL1+2ext
22 38 ROW5+6ext
21 37 ROW3+4ext
20 36 ROW1+2ext
19_INT7 35
18_INT6 34
GND 33 GND
AREF 32
38_A0 31 ROW1+2
39_A1 30 ROW3+4
40_A2 29 ROW5+6
J1
DB15_Female
ROW1+2ext
ArrowsCext
ROW3+4ext
ROW5+6ext
COL1+2ext
COL3+4ext
COL5+6ext
COL7+8ext
GND
ArrowsRext