

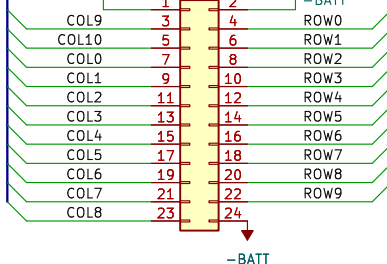
LED Array

ROW[0..9]

COL[0..10]

File: LEDArray.kicad\_sch

J1  
X0511FVS-24AS-LPV01



-BATT

Q1  
AO3401A

PWR\_FLAG

+BATT

J2  
X0511FVS-24AS-LPV01

SDA  
SCL  
-BATT  
INT1  
SWDIO  
SWDCLK  
RESET

BUTTON

LED0

LED1

LED2

LED3

D1

D2

D3

D4

BT1  
CR2032

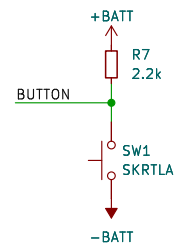
C2  
1uF

C3  
10uF

C1  
100uF

PWR\_FLAG

-BATT



Measuring Lithium battery voltage with nRF52  
<https://devzone.nordicsemi.com/nordic-blog/b/blog/posts/measuring-lithium-battery-voltage-with-nrf52>  
<https://www.ti.com/lit/wp/swra349/swra349.pdf>

Sheet: /  
File: LEDBoard.kicad\_sch

**Title:**

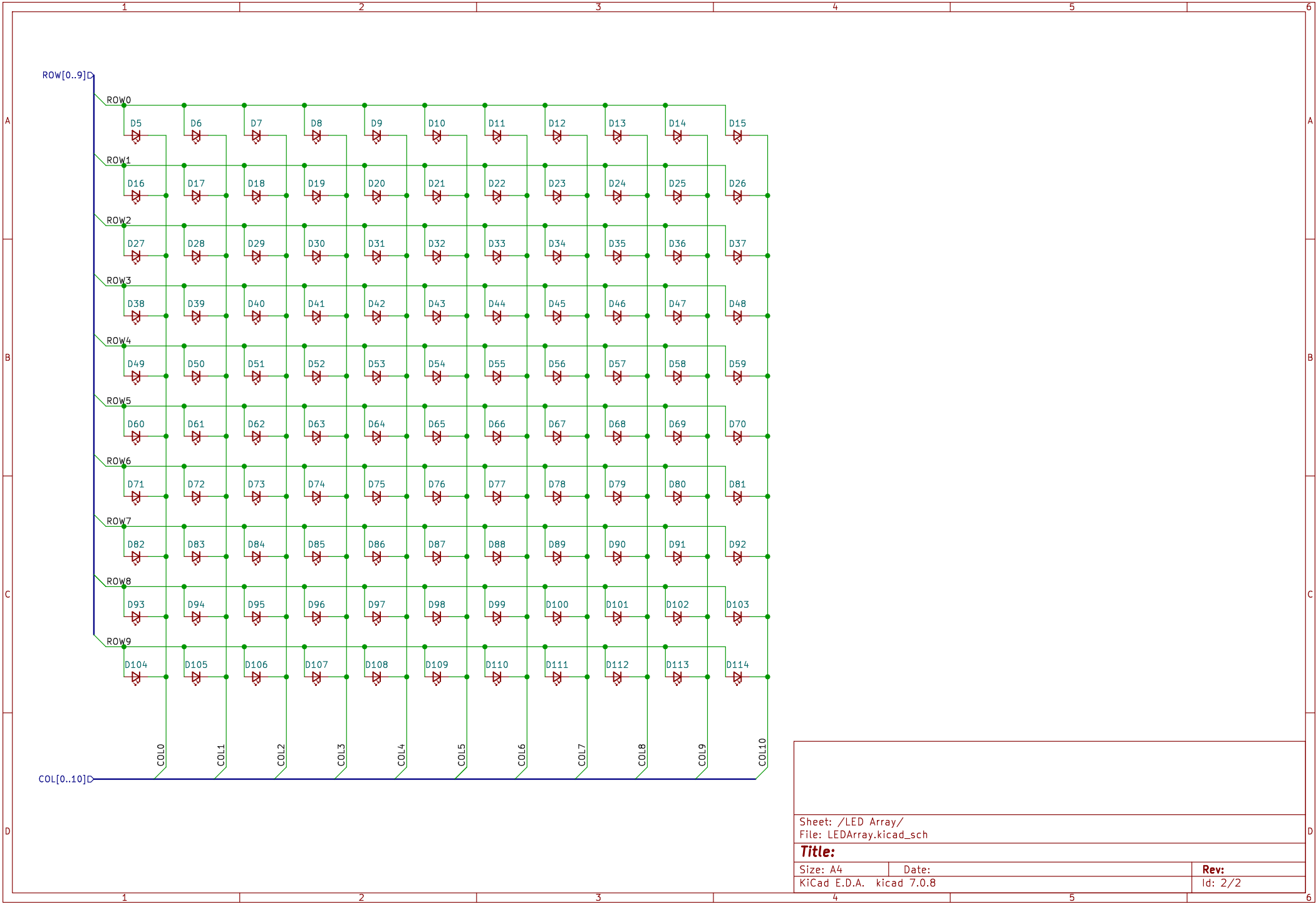
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Date:

KiCad E.D.A. kicad 7.0.8

**Rev:**

Id: 1/2



Sheet: /LED Array/  
File: LEDArray.kicad\_sch

**Title:**

Size: A4  
KiCad E.D.A. kicad 7.0.8

Date:

Rev:  
Id: 2/2