

12345

bus

DUART

kbdmse

GAL

power

parallel

USB-SD

buffers

File: bus.kicad\_sch

File: DUART.kicad\_sch

File: kbdmse.kicad\_sch

File: GAL.kicad\_sch

File: power.kicad\_sch

File: parallel.kicad\_sch

File: USB-SD.kicad\_sch

File: buffers.kicad\_sch

A

B

C

D

Sheet: /  
File: input-output.Multi.kicad\_sch

Title:

Size: A

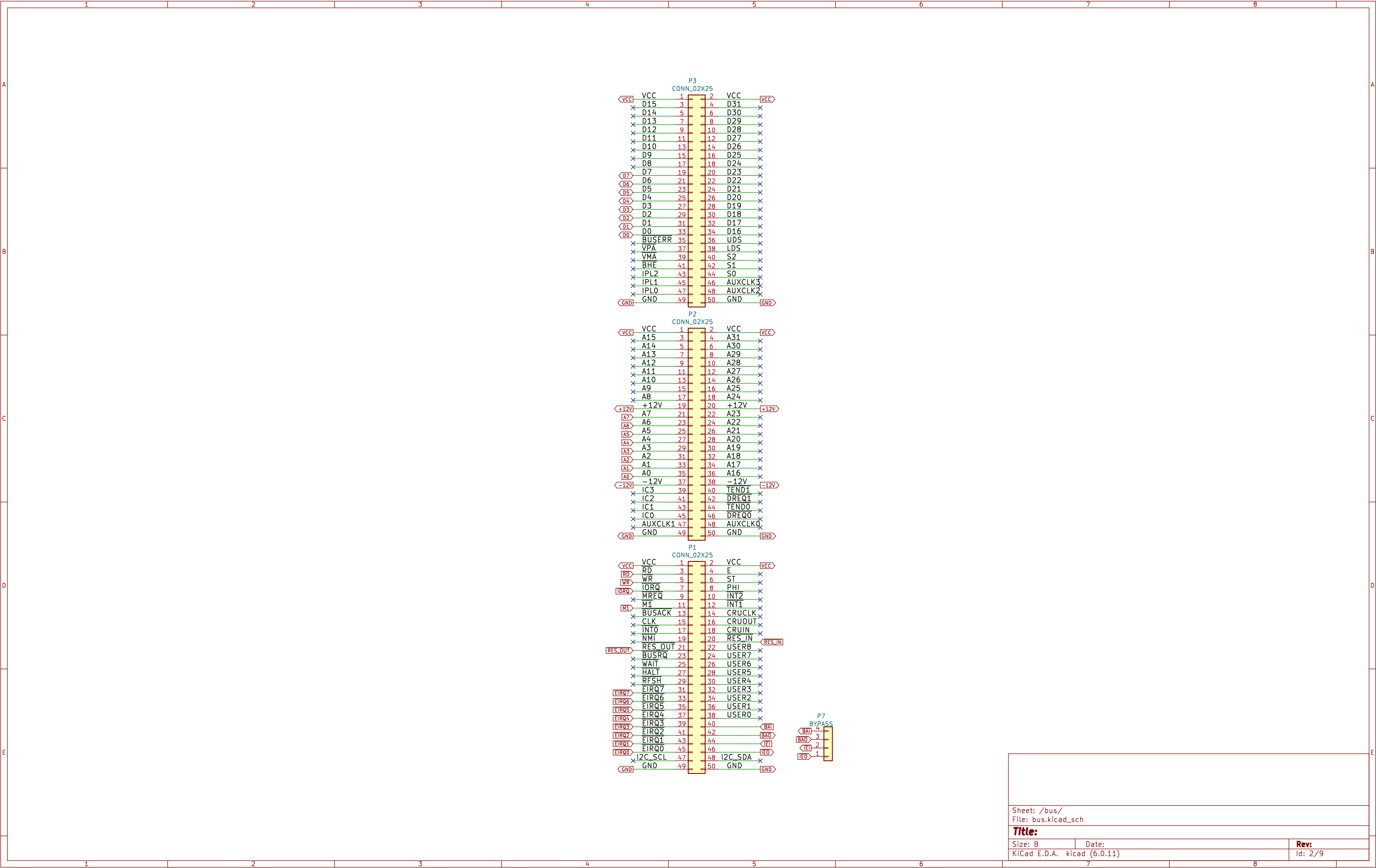
Date:

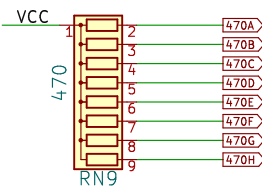
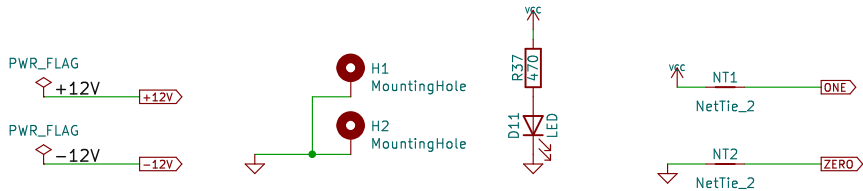
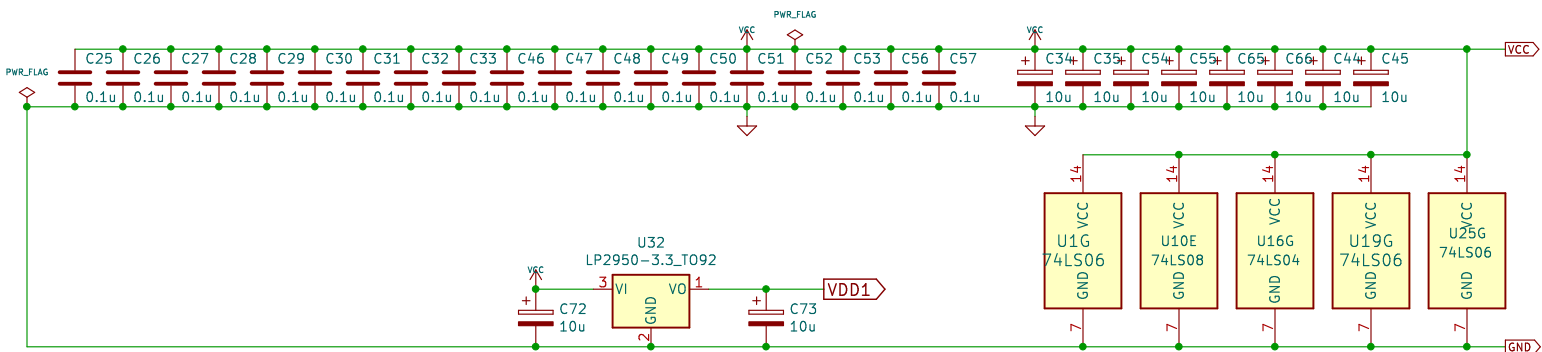
Rev:

KiCad E.D.A.   kicad (6.0.11)

Id: 1/9

12345





Spare Components





Note: IO Address Port \$48-\$4F

1-2	=on	- A7 (low)
3-4	=off	- A6 (high)
5-6	=on	- A5 (low)
7-8	=on	- A4 (low)
9-10	=off	- A3 (high)

5-6 = on - A5 (low)  
7-8 = on - A4 (low)  
9-10 = off - A3 (high)

Note: Inhibit Board Operation During Interrupts  
M1 = low, IORQ = low

10 PORT ADDR  
10 9  
8 7  
6 5  
4 3  
2 1  
ZERO SW3

SET IO PORT  
1 2 3 4 5 6 7 8 9 10  
VCC 10K  
RN6

74LS688  
P0 2  
P1 4  
P2 6  
P3 8  
P4 11  
P5 13  
P6 15  
P7 17  
R0 3  
R1 5  
R2 7  
R3 9  
R4 12  
R5 14  
R6 16  
R7 18  
GND 10  
VCC 20  
P=R 19  
CS, PAR

bM1  
bA3  
bA4  
bA5  
bA6  
bA7  
bIORQ

