

12345

bus

File: bus.kicad\_sch

DUART

File: DUART.kicad\_sch

kbdmse

File: kbdmse.kicad\_sch

GAL

File: GAL.kicad\_sch

power

File: power.kicad\_sch

parallel

File: parallel.kicad\_sch

USB-SD

File: USB-SD.kicad\_sch

buffers

File: buffers.kicad\_sch

A

B

C

D

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

Title:

Size: A

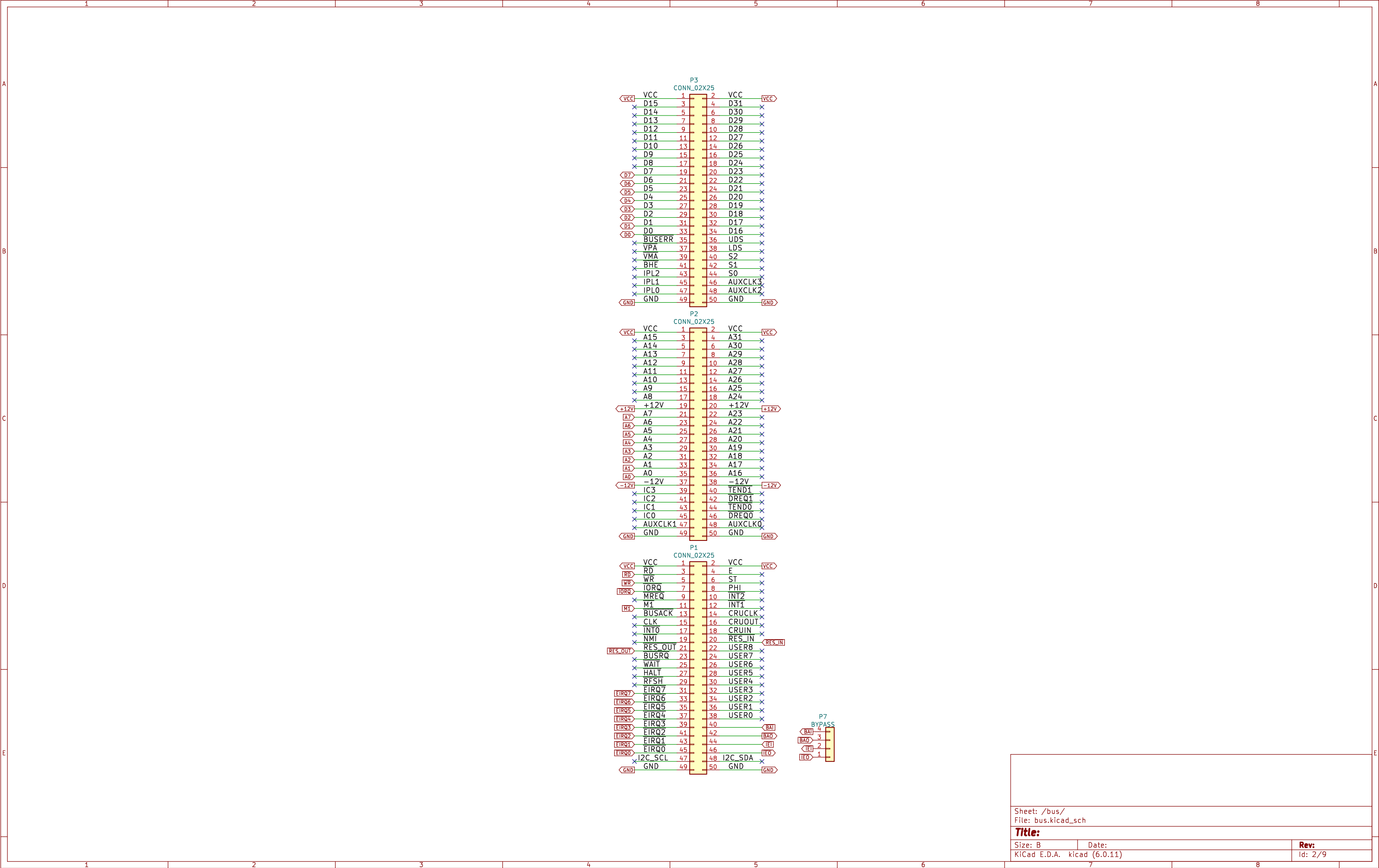
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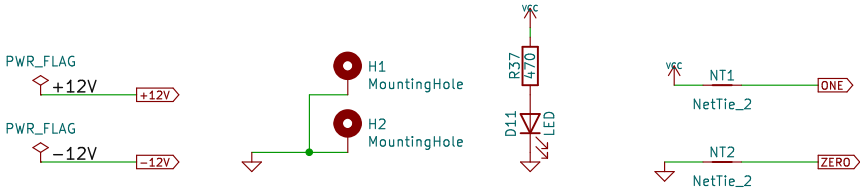
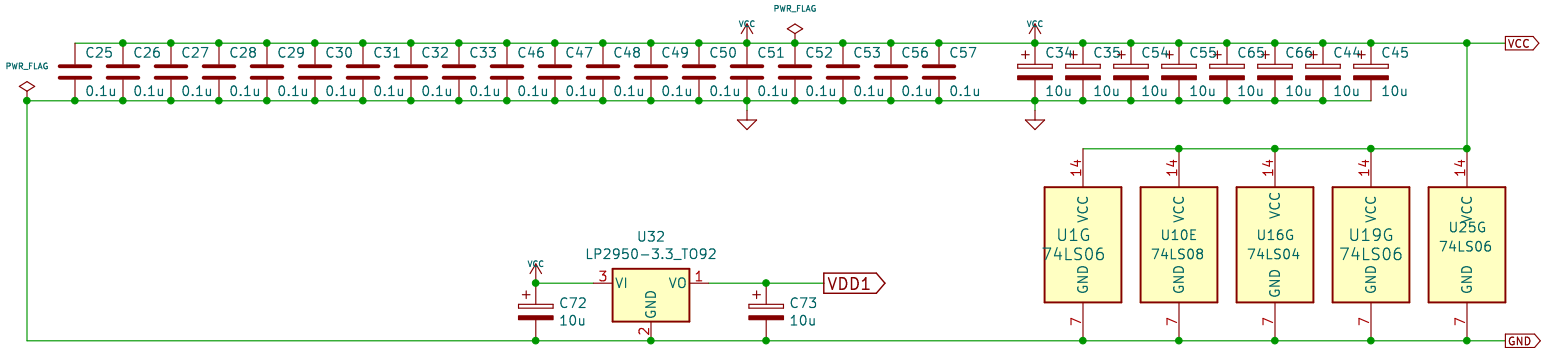
Rev:

KiCad E.D.A.   kicad (6.0.11)

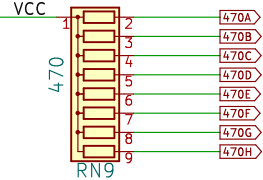
Id: 1/9

12345

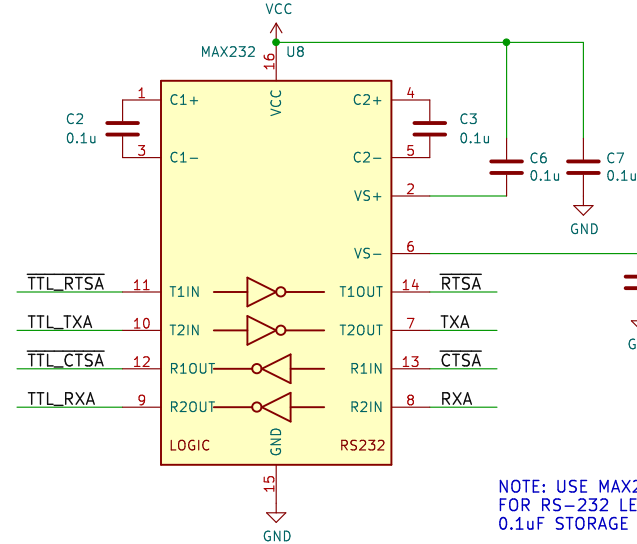
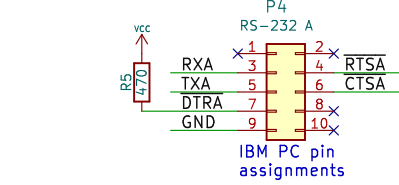
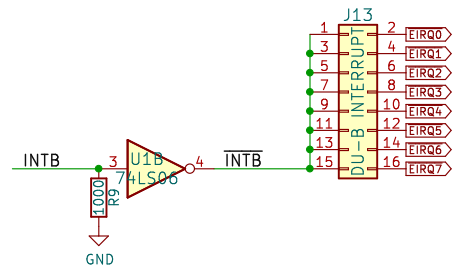
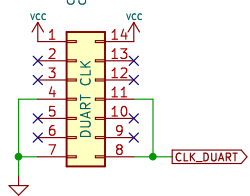
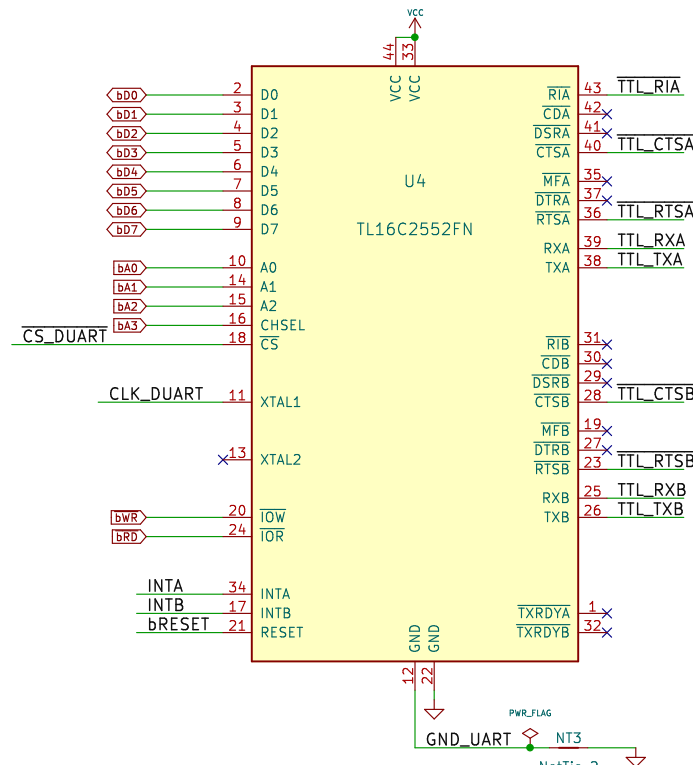




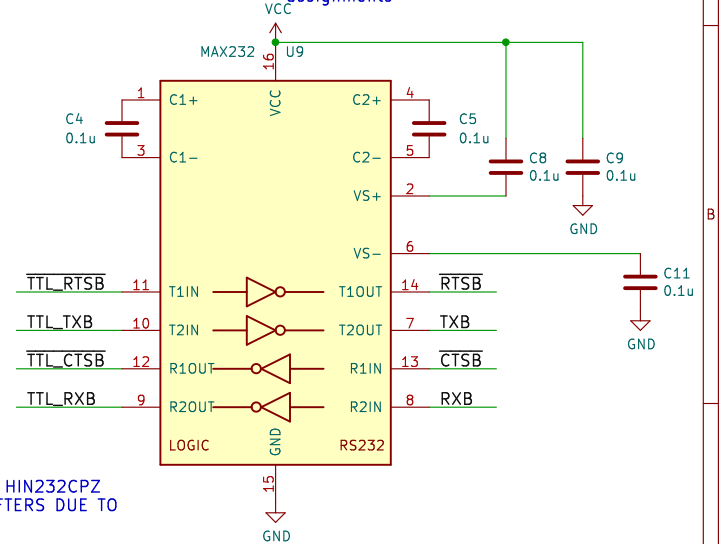
Spare Components



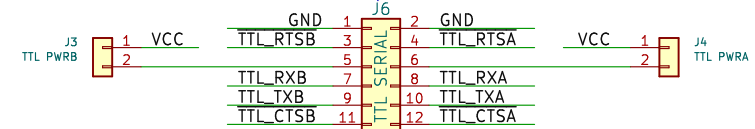
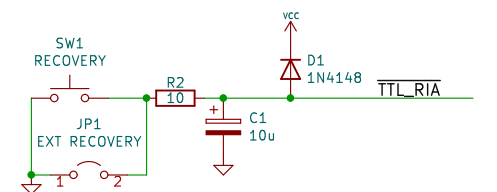
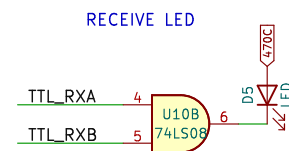
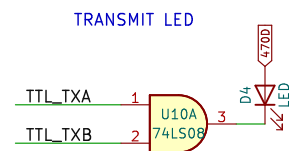
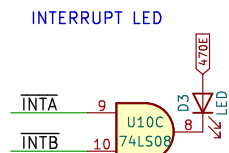
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<b>Title:</b>		
Size: B	Date:	<b>Rev:</b>
KiCad E.D.A. kicad (6.0.11)		Id: 3/9



IBM PC pin assignments



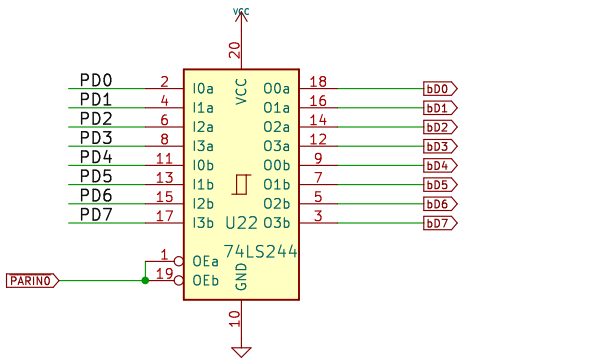
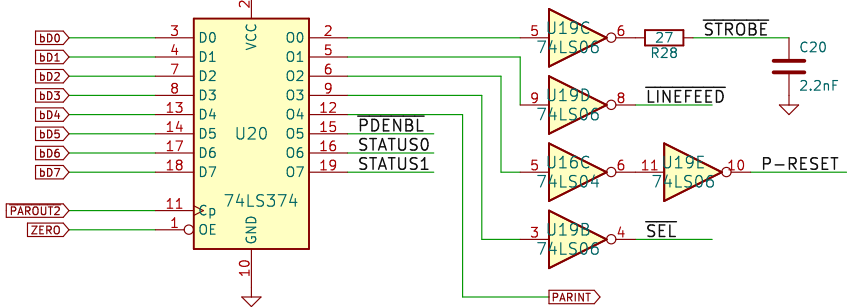
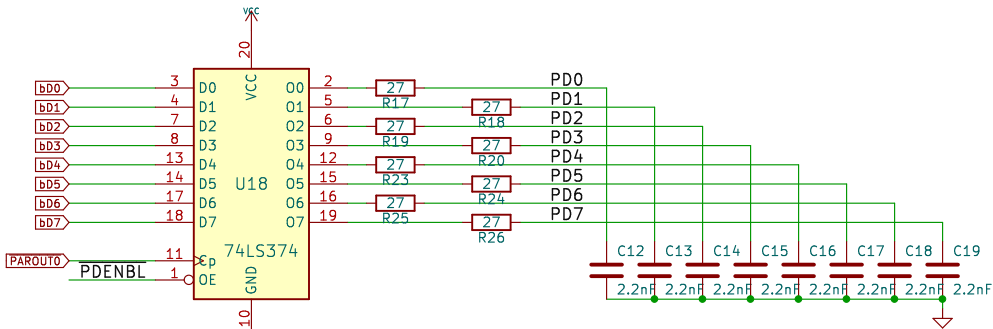
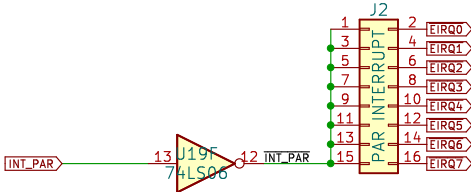
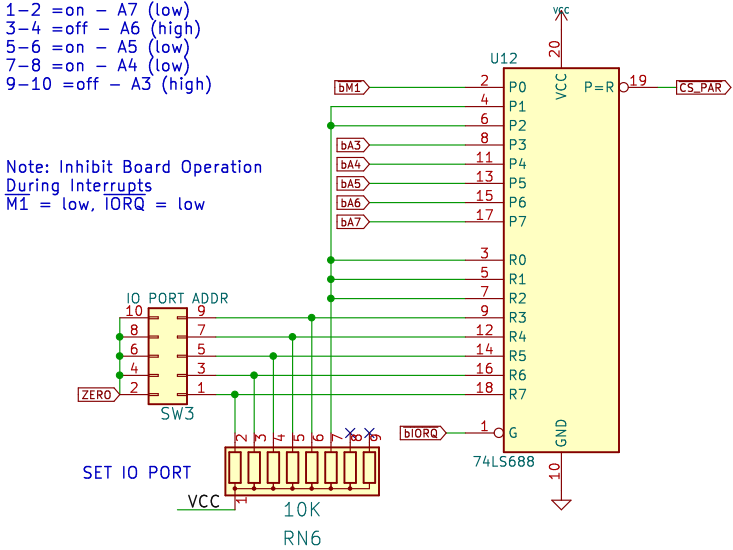
DTECH FTDI USB to TTL Serial 5V Adapter Cable  
6 Pin 0.1 inch Pitch Female Socket Header  
UART IC FT232RL Chip

FTDI 5V SERIAL UART TO  
USB CABLE INTERFACE

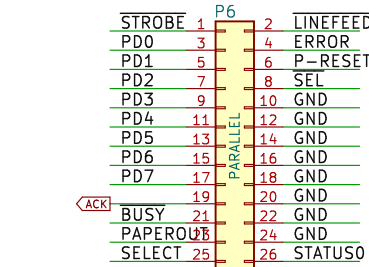
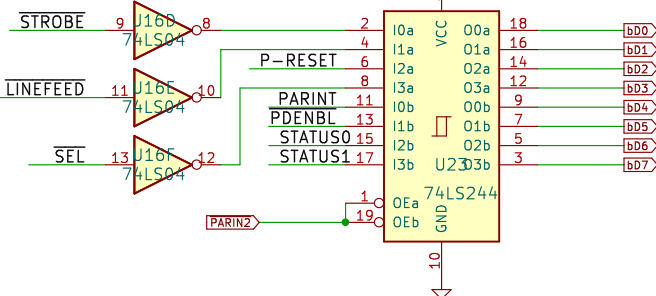
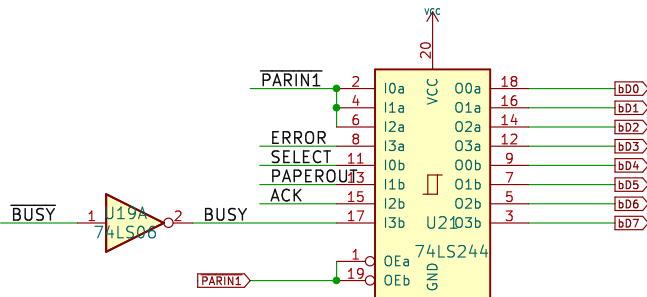
IO SELECTION CIRCUIT  
PARALLEL PORT, PS/2 KEYBOARD & MOUSE, USB-SD

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)

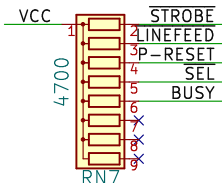
Note: Inhibit Board Operation  
During Interrupts  
M1 = low, IORQ = low



PARALLEL PORT BASED ON SCHEMATIC AT  
<http://www.linux-cae.net/Projects/Parallel/Dage/parport.html>



NOTE: STATUS0 WILL NOT APPEAR  
ON IBM PC COMPATIBLE DB25  
FEMALE CONNECTOR



Sheet: /parallel/  
File: parallel.kicad\_sch

**Title:**

Size: B

Date:

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