

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

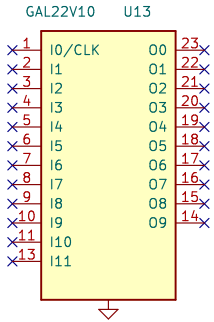
USB-SD

File: USB-SD.kicad\_sch

buffers

File: buffers.kicad\_sch

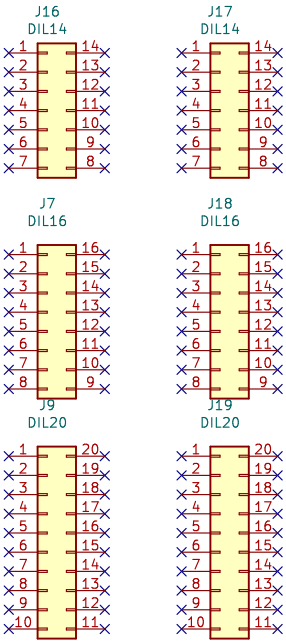
SPARE GAL FOR  
DEBUGGING



THROUGH HOLES FOR  
PATCH WIRE ROUTING  
ACROSS SIDES

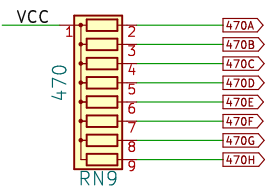
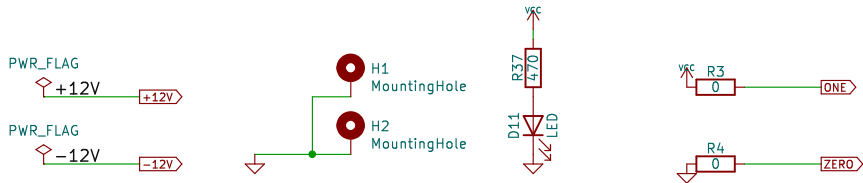
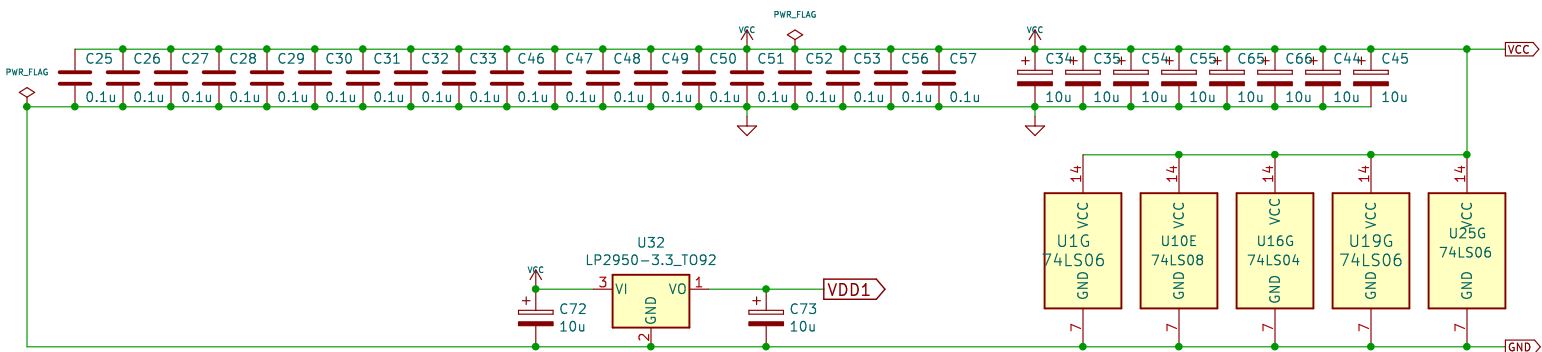


SPARE SOCKETS  
FOR DEBUGGING





Size: B	Date:	Rev:
KiCad E.D.A. kicad (6.0.11)		Id: 2/9





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>

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

**Title:**

Size: B Date: Rev:

KiCad E.D.A. kicad (6.0.11) Id: 5/9

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

SET IO PORT

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

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

**Title:**

Size: B Date: Rev:  
KiCad E.D.A. kicad (6.0.11) Id: 5/9

