

bus



File: bus.kicad\_sch  
80C188CPU

power



File: power.kicad\_sch  
Memory

buffers

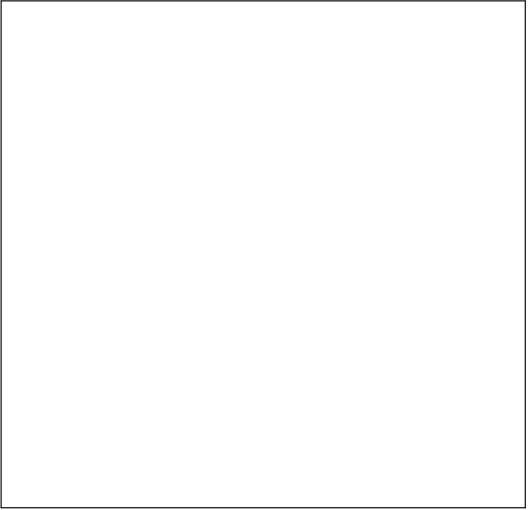


File: buffers.kicad\_sch  
bus sharing

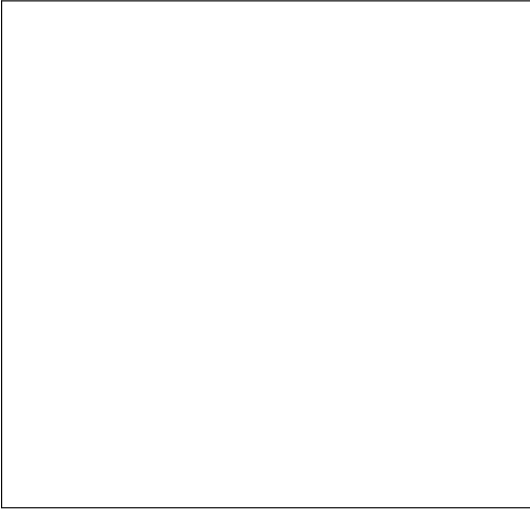
fpanel



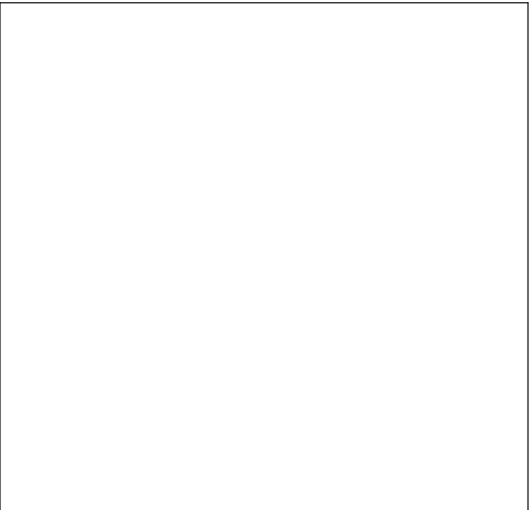
File: fpanel.kicad\_sch  
mapper



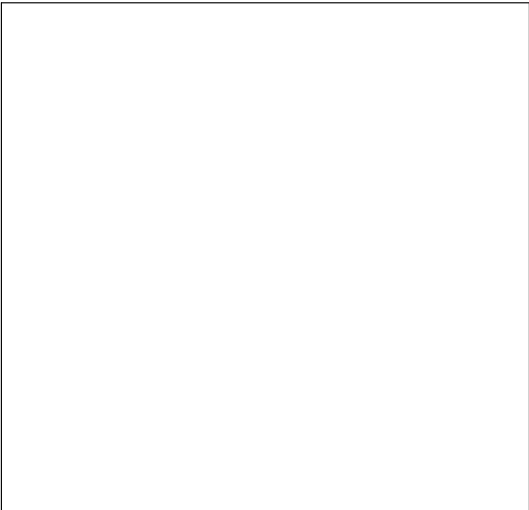
File: CPU\_80C188.kicad\_sch



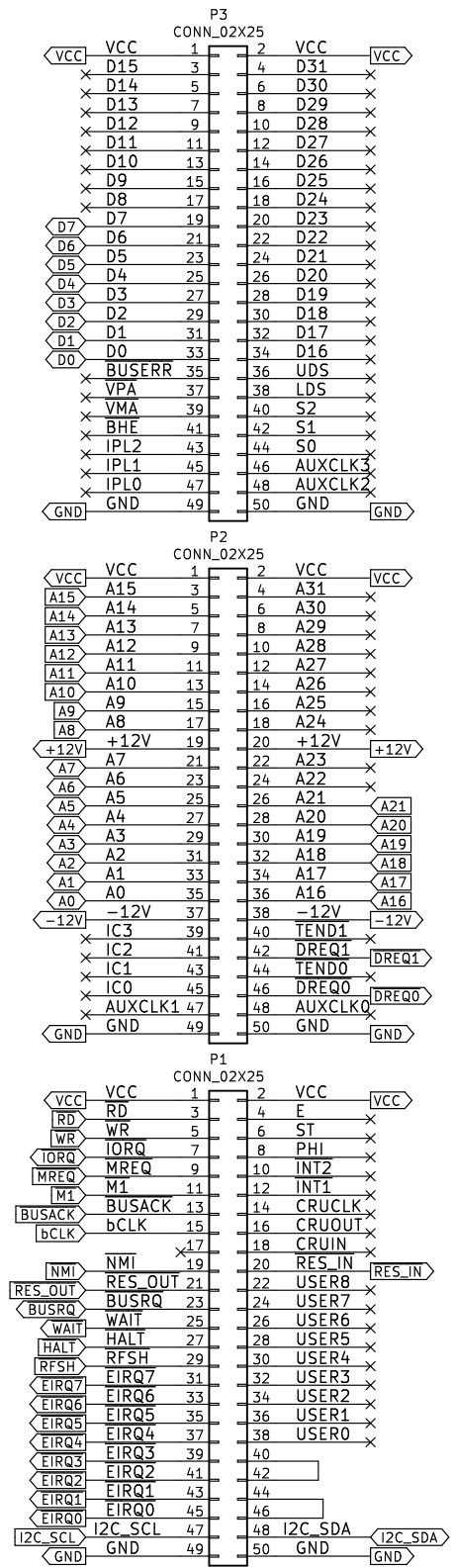
File: Memory.kicad\_sch

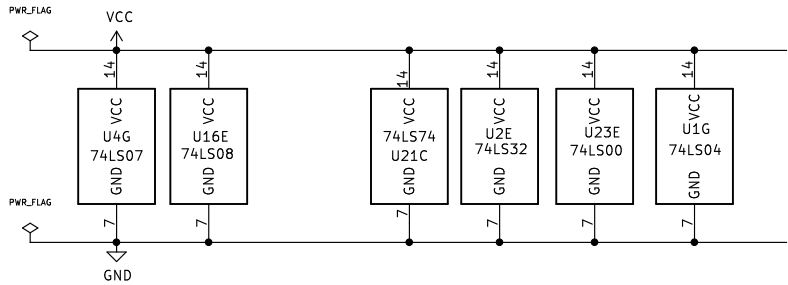
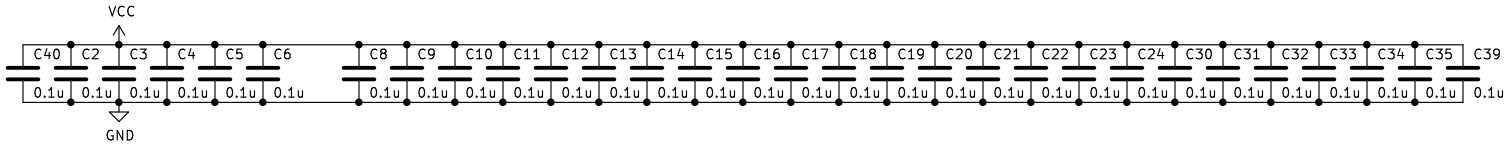
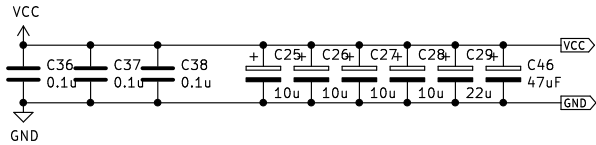
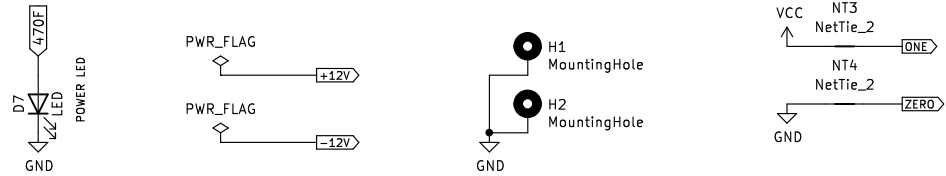


File: bussharing.kicad\_sch

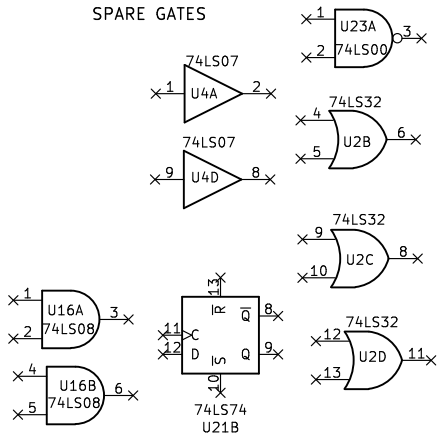


File: mapper.kicad\_sch

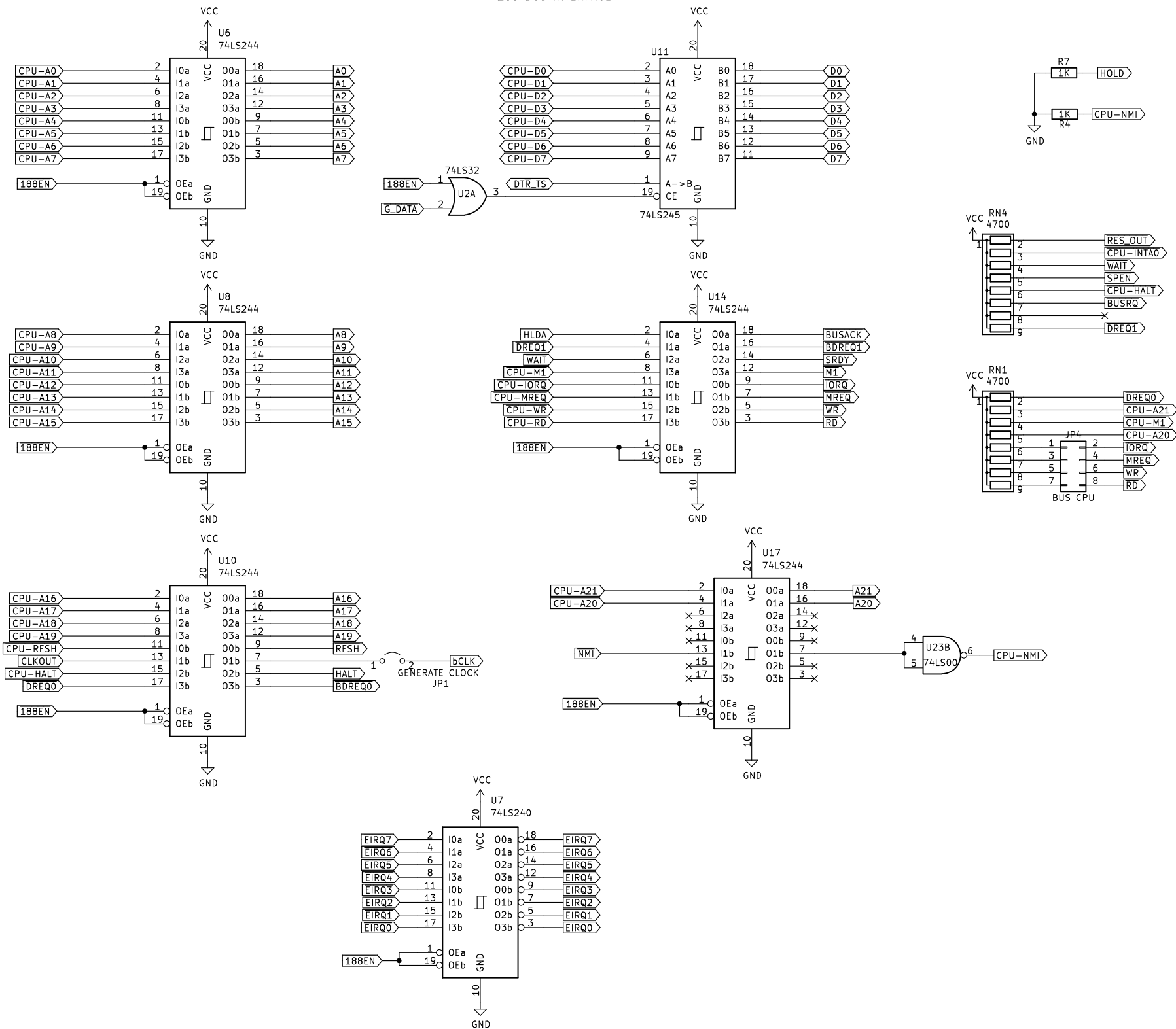


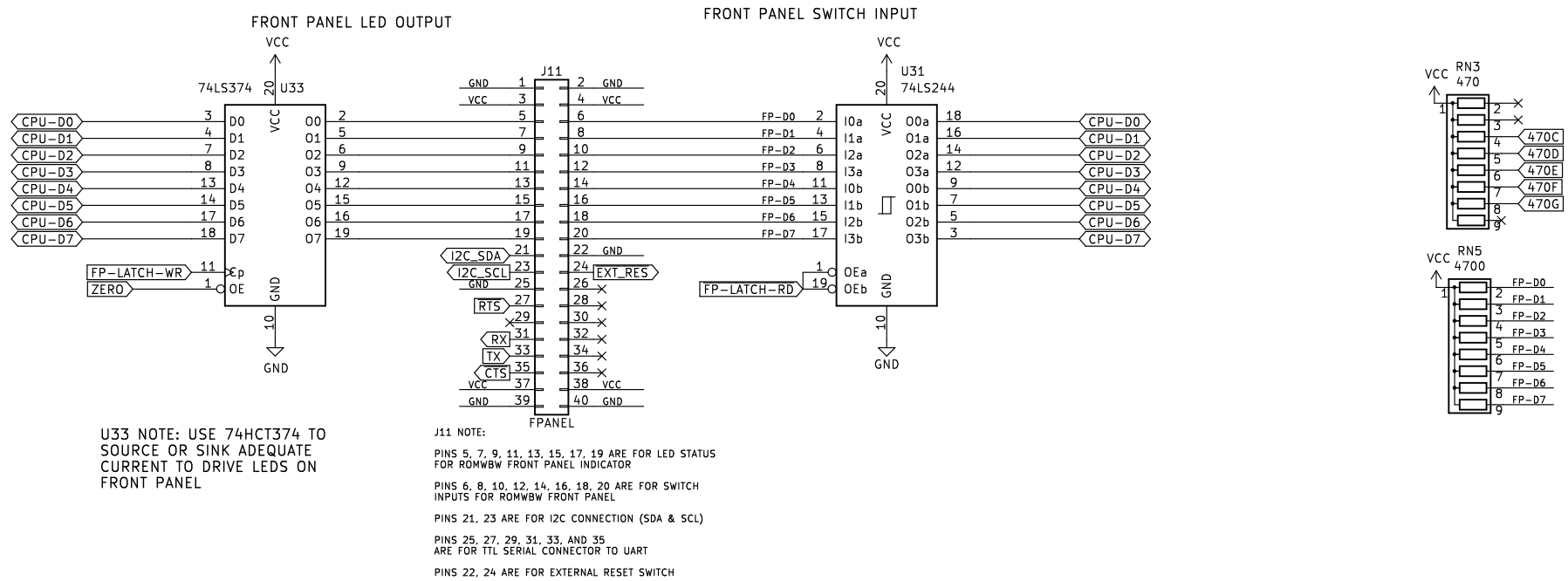


SPARE GATES

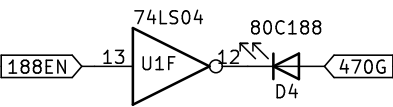
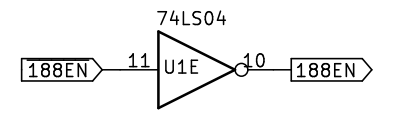
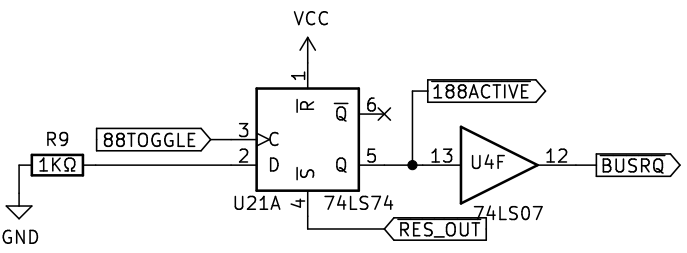
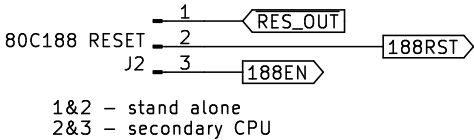
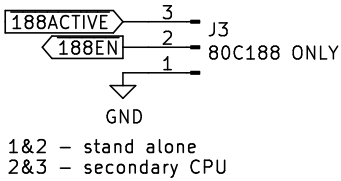
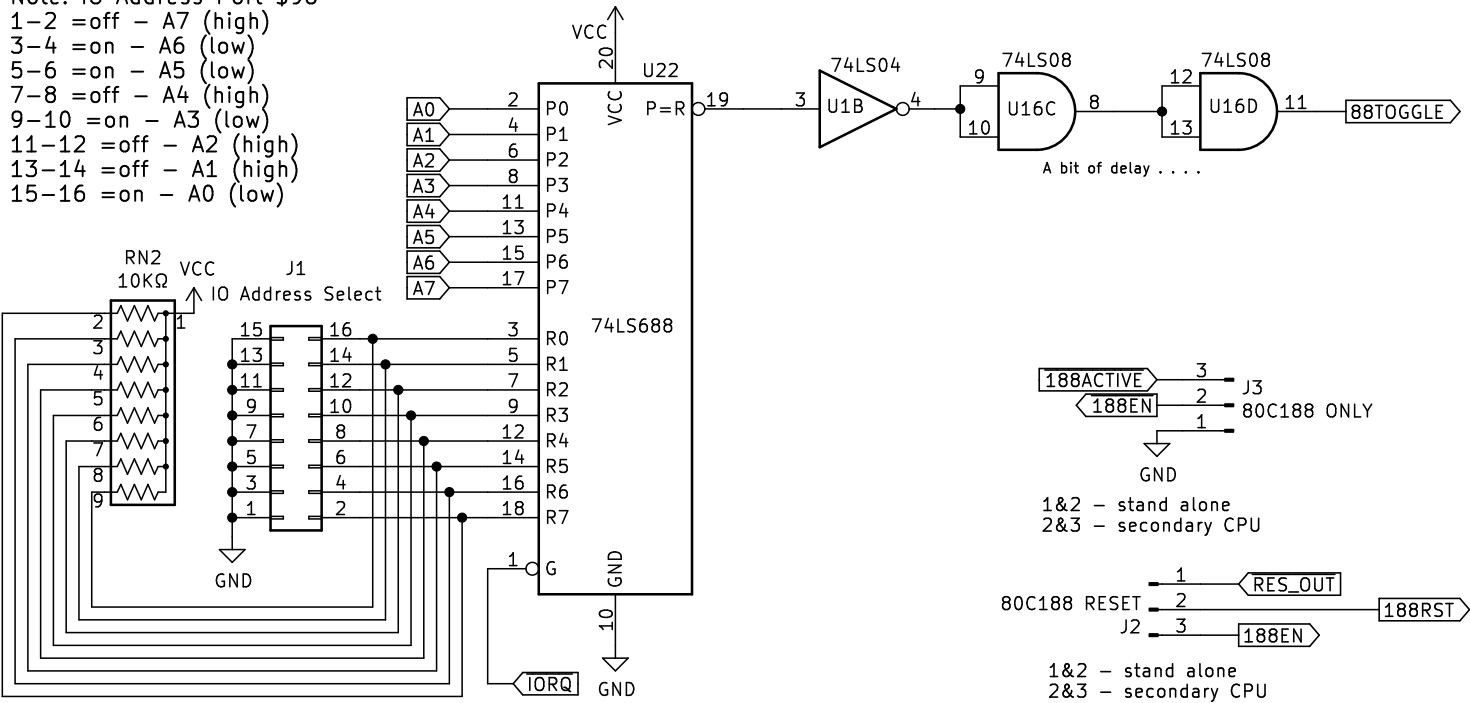


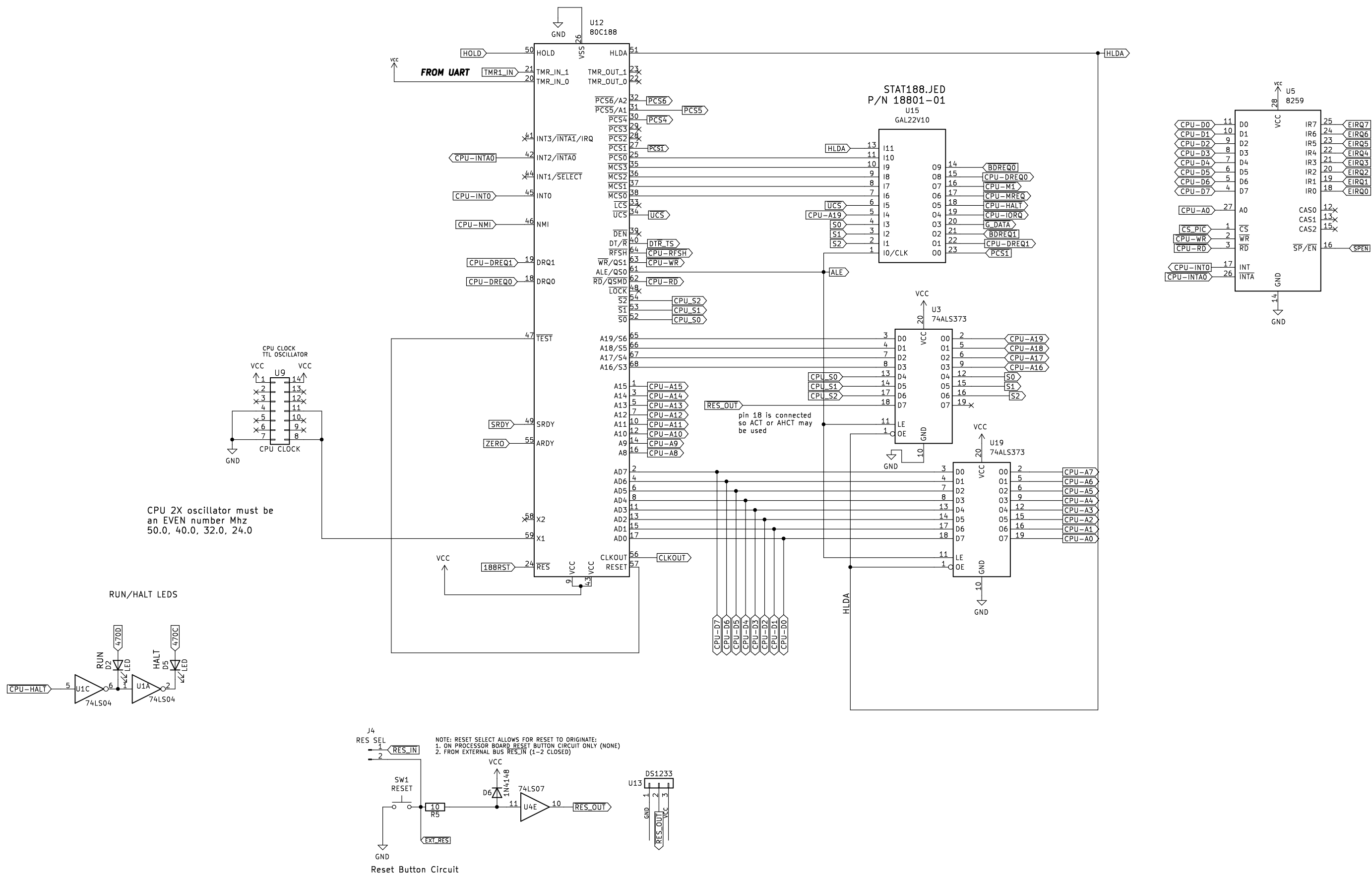
# Z80 BUS INTERFACE

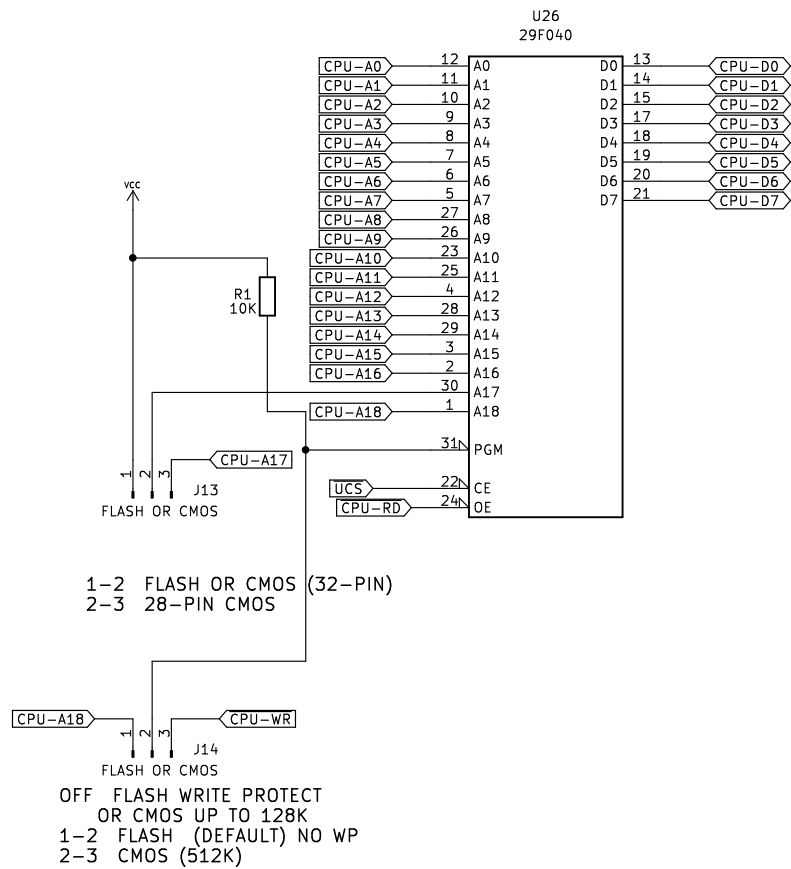




Note: IO Address Port \$96  
1-2 =off - A7 (high)  
3-4 =on - A6 (low)  
5-6 =on - A5 (low)  
7-8 =off - A4 (high)  
9-10 =on - A3 (low)  
11-12 =off - A2 (high)  
13-14 =off - A1 (high)  
15-16 =on - A0 (low)







ROM

FLASH 39SF010 (128K)  
ALTERNATES: 39SF020, 29F020, 29F010  
39SF040, 29F040 (512K) NOT RECOMMENDED

CMOS 27C010 (128K, 32pin)  
ALTERNATE 27C020  
28pin: 27C512(64K), 27C256(32K)

DEFAULT CHIP: 39SF010 (128K FLASH)  
DEFAULT JUMPERS: 1-2, 1-2 (BOTH)

29F040 SHOWS ALL PIN ASSIGNMENTS



