

12345678

A

bus

power

buffers

fpanel

File: bus.kicad\_sch  
80C188CPU

File: power.kicad\_sch  
Memory

File: buffers.kicad\_sch  
bus sharing

File: fpanel.kicad\_sch  
mapper

File: CPU\_80C188.kicad\_sch

File: Memory.kicad\_sch

File: bussharing.kicad\_sch

File: mapper.kicad\_sch

D

E

RetroBrew Computer Group  
Based on a design by John R Coffman.

Sheet: /  
File: processor.80C188.kicad\_sch

Title: Duodyne 80C188 CPU board

Size: BDate: 2024-07-05

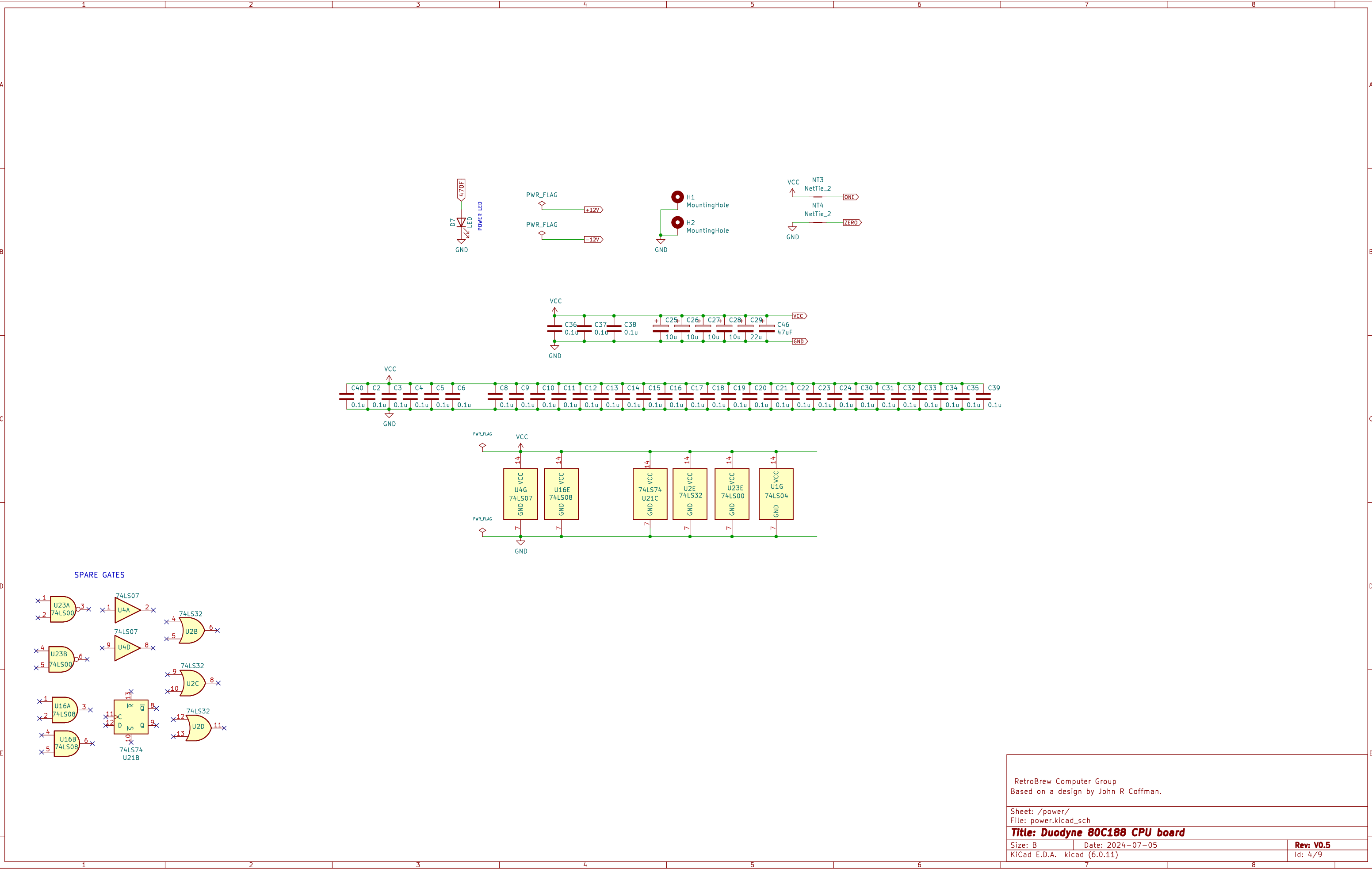
KiCad E.D.A. kicad (6.0.11)

Rev: V0.5

Id: 1/9

12345678





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

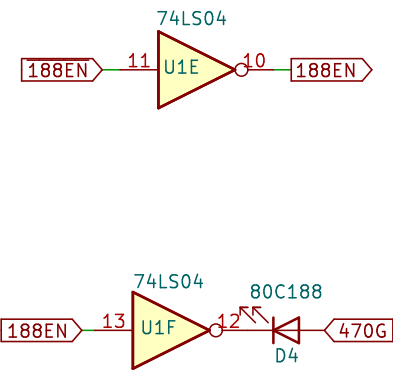
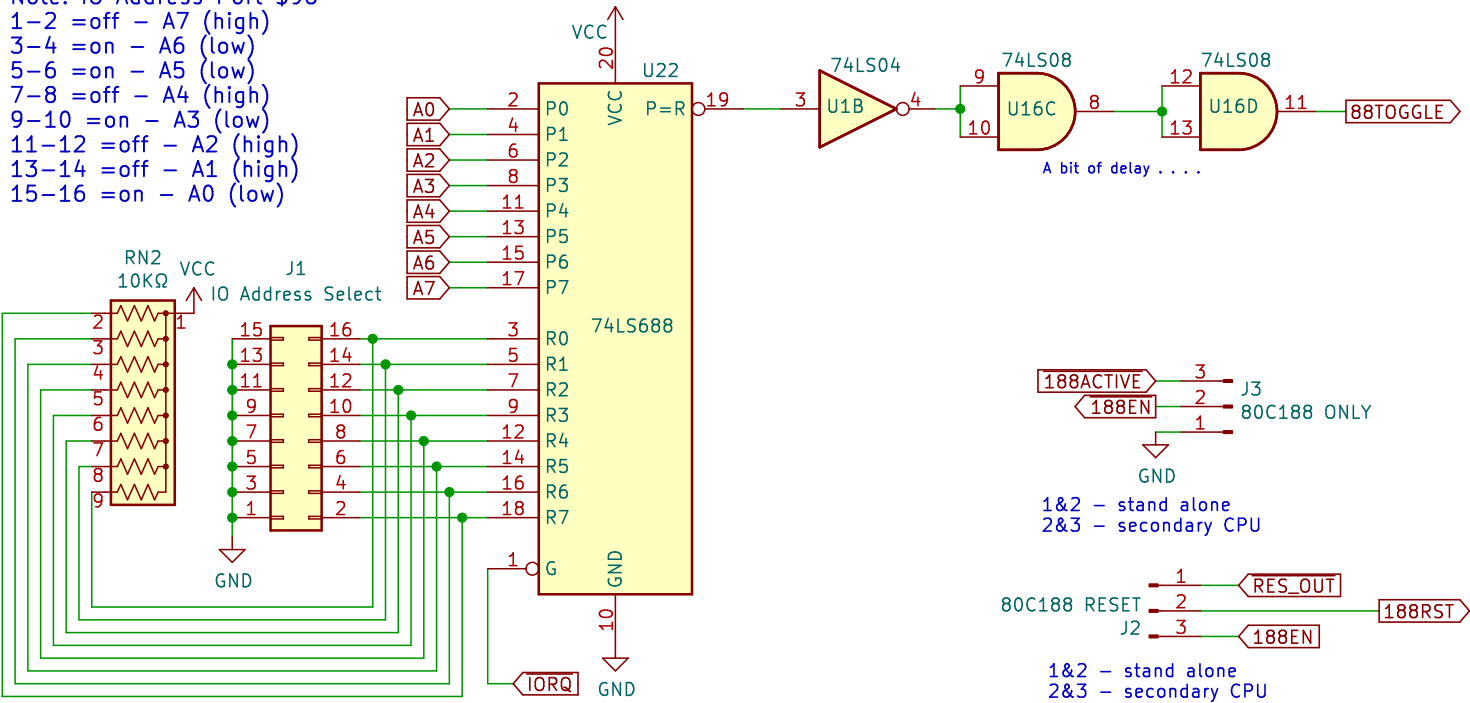
**Title: Duodyne 80C188 CPU board**

Size: B	Date: 2024-07-05	Rev: V0.5
KiCad E.D.A. kicad (6.0.11)		Id: 4/9





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)



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Sheet: /bus sharing/  
File: bussharing.kicad\_sch

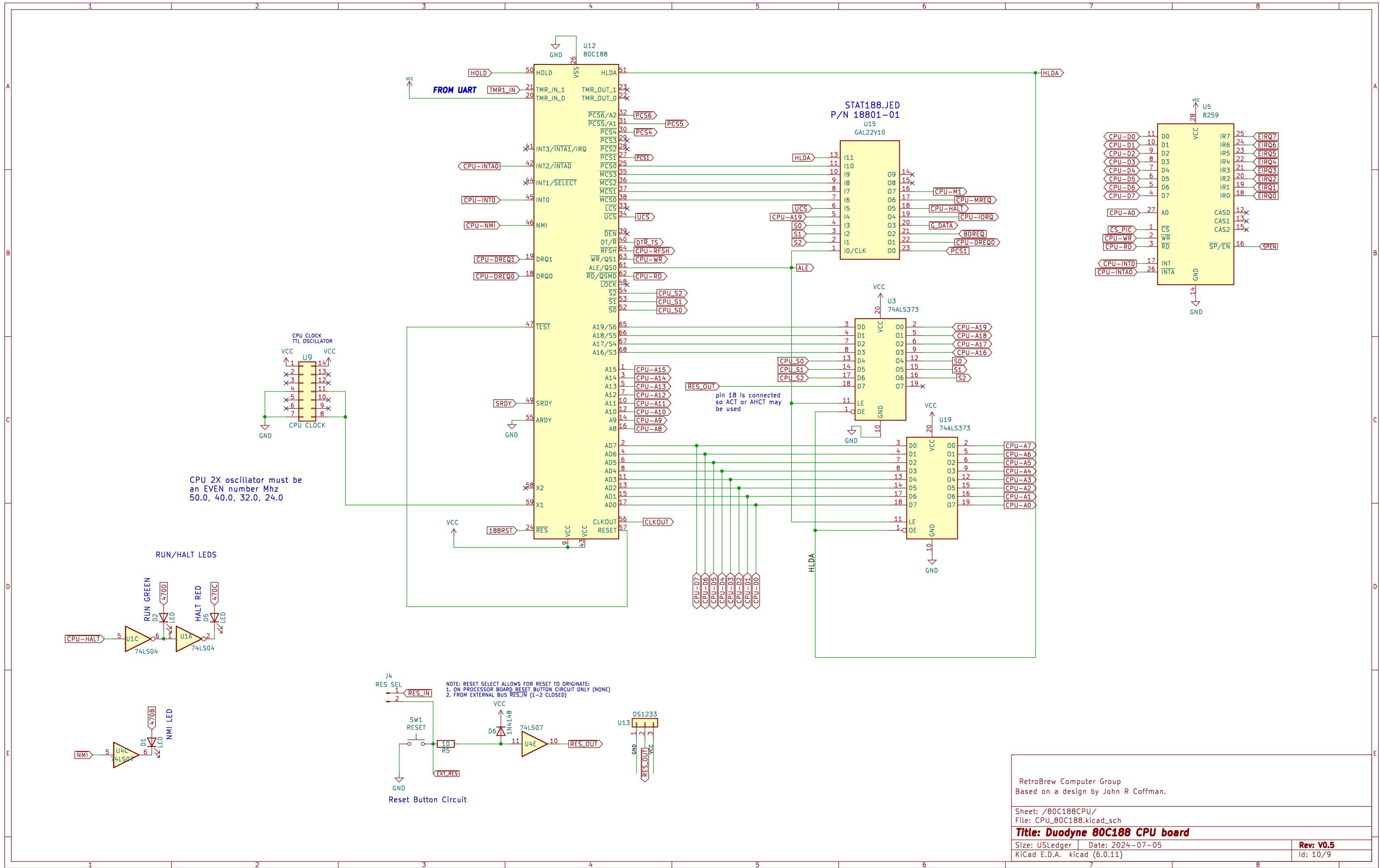
**Title: Duodyne 80C188 CPU board**

Size: A4 Date: 2024-07-05

KiCad E.D.A. kicad (6.0.11)

**Rev: V0.5**

Id: 9/9



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Sheet: /80C188CPU/  
File: CPU\_80C188.kicad\_sch

**Title: Duodyne 80C188 CPU board**

Size: USLedger | Date: 2024-07-05  
KiCad E.D.A. kicad (6.0.11)

Rev: V0.5  
Id: 10/9



## 29F040 SHOWS ALL PIN ASSIGNMENTS



