

processor

review 1 : ok  
review 2 :

processor.sch

paula

review 1 : ok  
review 2 :

paula.sch

serial

review 1 : ok  
review 2 :

serial.sch

power

review 1 : ok  
review 2 :

power.sch

chipram

review 1 : ok  
review 2 :

chipram.sch

zorro

review 1 : ok  
review 2 :

zorro.sch

pc slots

review 1 : ok  
review 2 :

pc slots.sch

expansion logic

review 1 : ok  
review 2 :

expansion logic.sch

agnus

review 1 : ok  
review 2 :

agnus.sch

parallel

review 1 : ok  
review 2 :

parallel.sch

denise

review 1 : ok  
review 2 :

denise.sch

coprocessor slot

review 1 : ok  
review 2 :

coprocessor slot.sch

Notes: XX4256-15 pins 18 and 19 are swapped in the original scanned schematics  
pin 18 of U501 is DRD2, and 19 is DRD3.

Rev 6.3 fixes :

- Kickstart 2.03 and Denise 8373

Rev 6.4 fixes :

- Agnus 8375
- Instead of R101, add a capacitor (100nF) from right side of R101 to ground

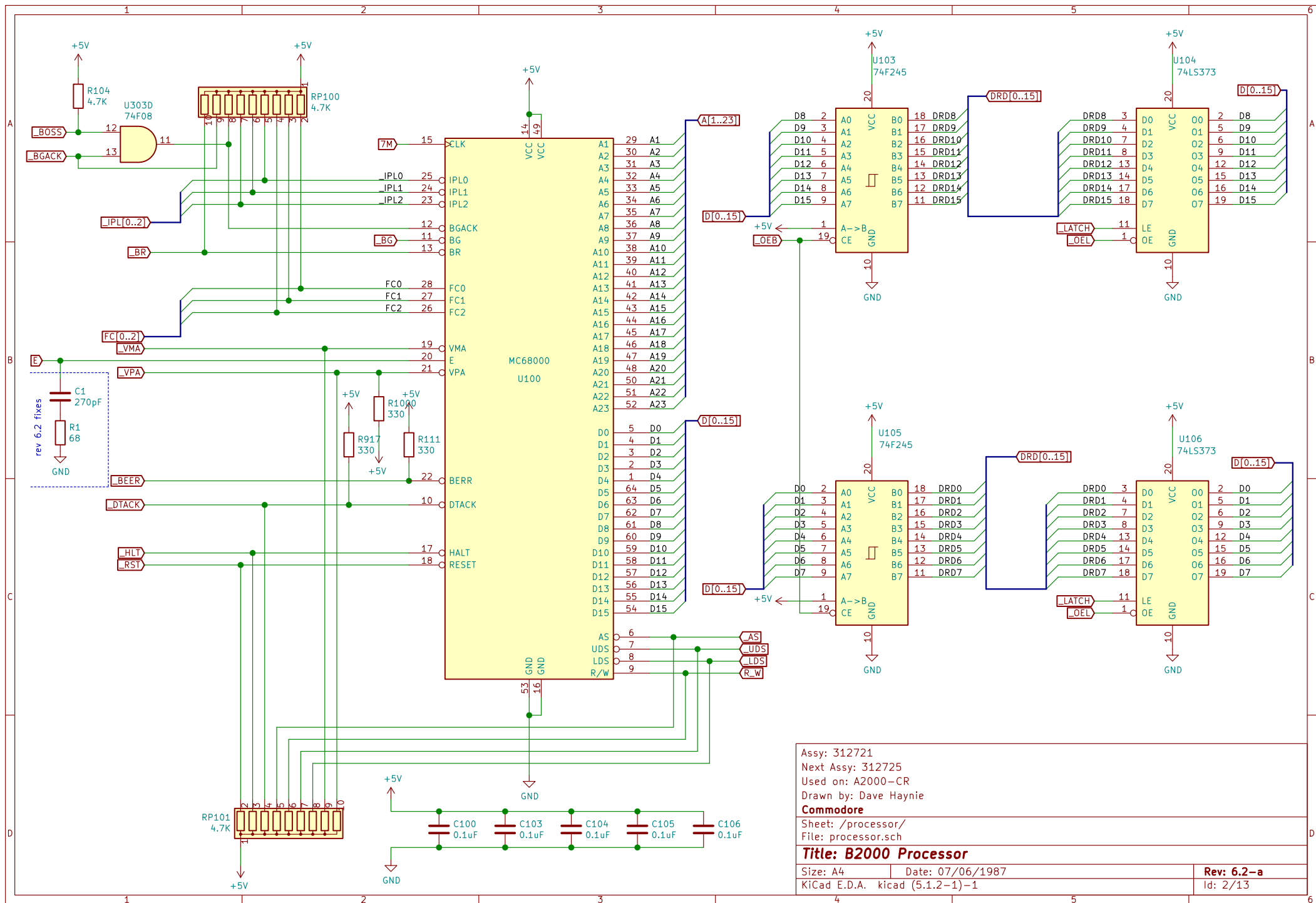
Used on: A2000-CR  
Drawn by: Dave Haynie  
**Commodore**

Sheet: /  
File: amiga2000.sch

**Title:**

Size: A4 Date: 07/06/1987  
KiCad E.D.A. kicad (5.1.2-1)-1

**Rev: 6.2-a**  
Id: 1/13



Assy: 312721  
 Next Assy: 312725  
 Used on: A2000-CR  
 Drawn by: Dave Haynie

**Commodore**

Sheet: /processor/  
 File: processor.sch

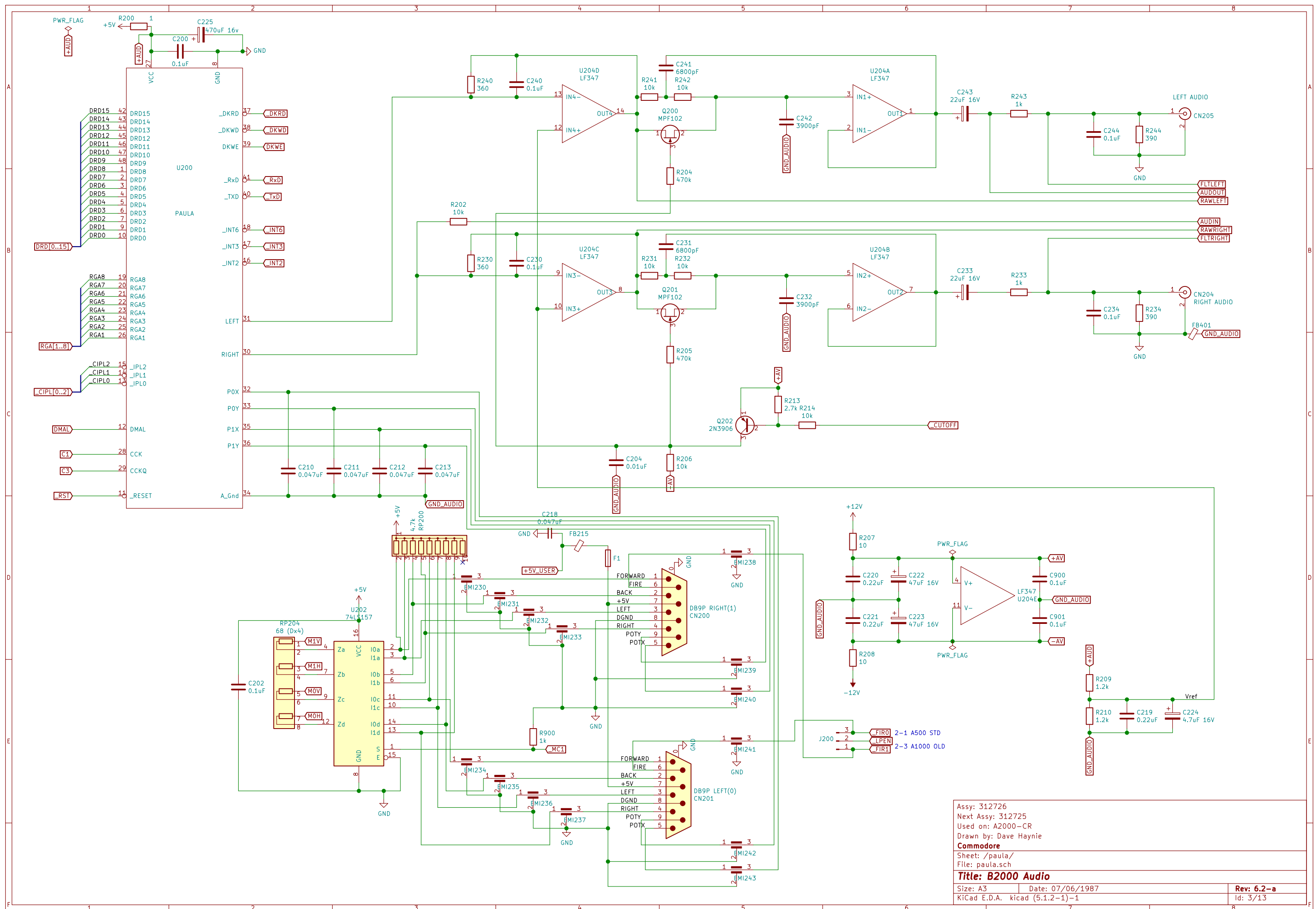
# **Title: B2000 Processor**

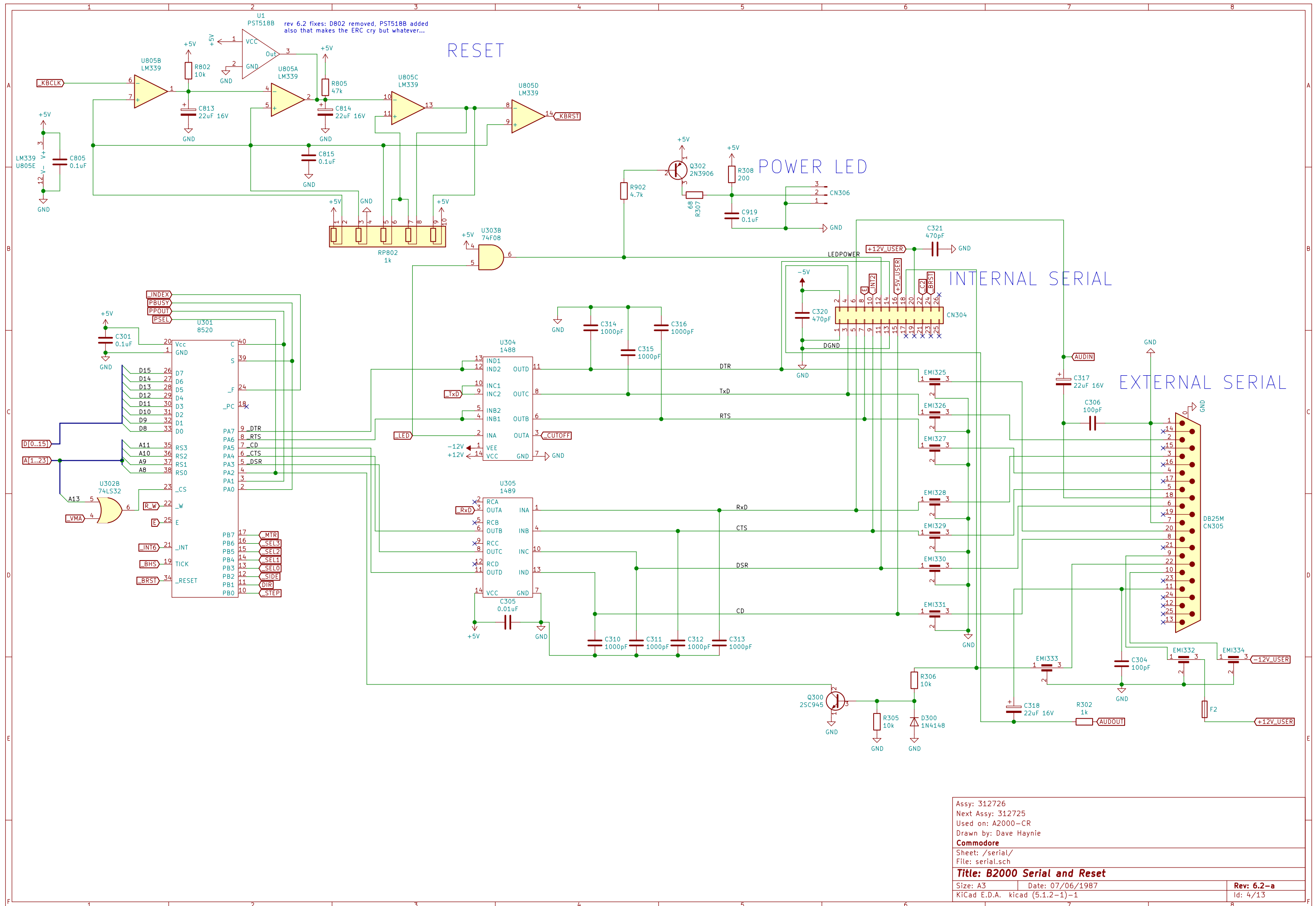
Size: A4 Date: 07/06/1987

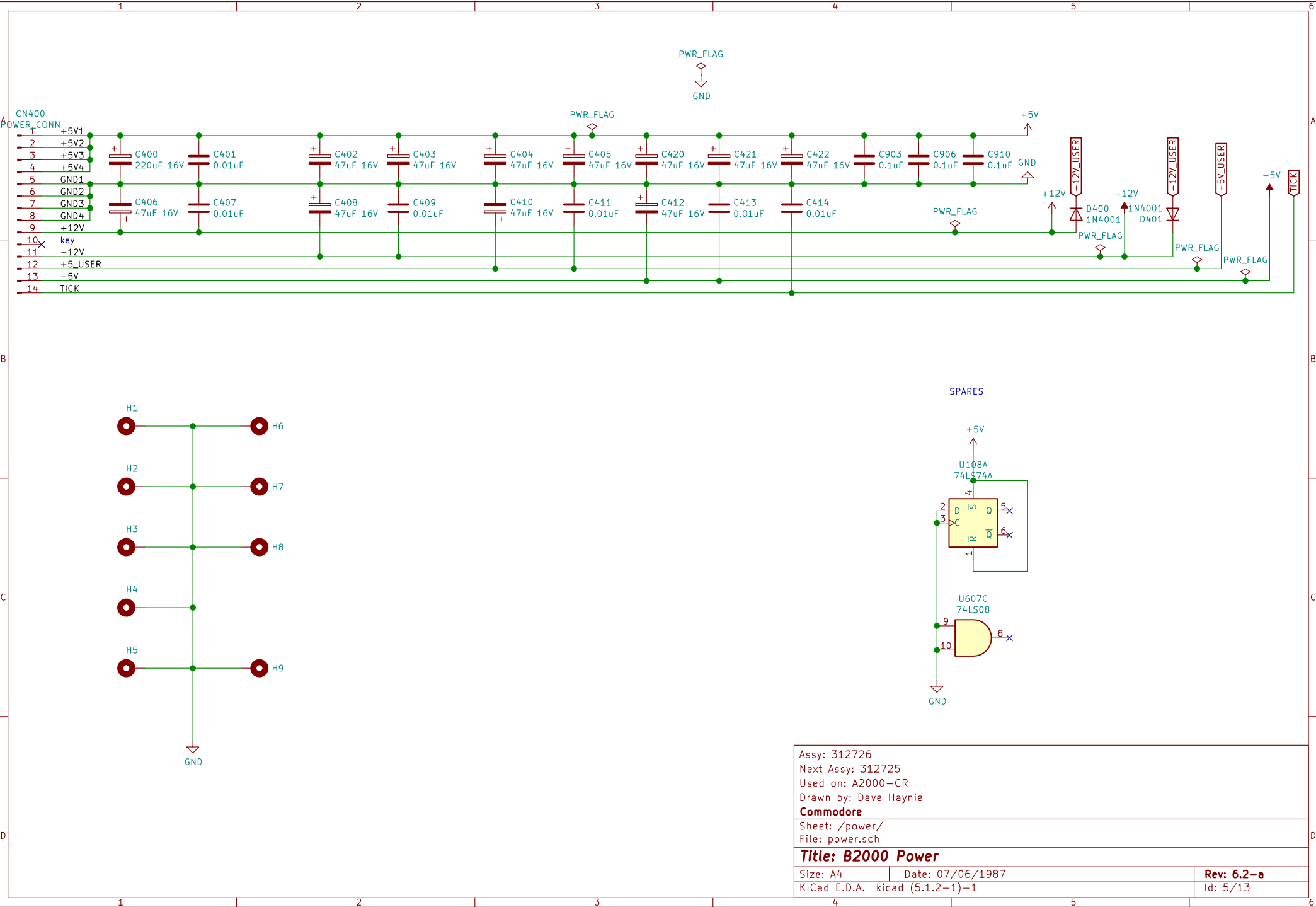
KiCad E.D.A. kicad (5.1.2-1)-1

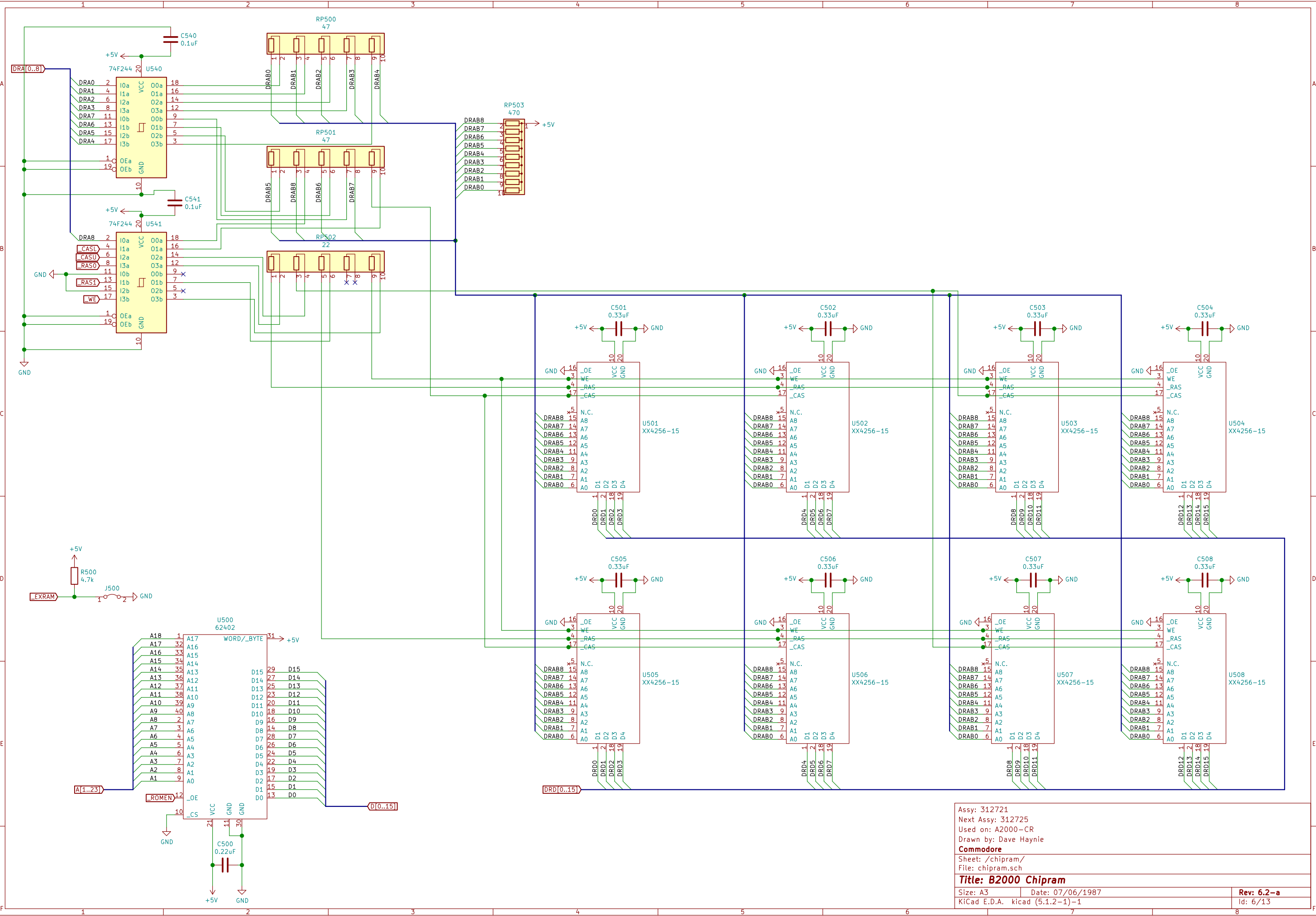
**Rev: 6.2-a**

Id: 2/13

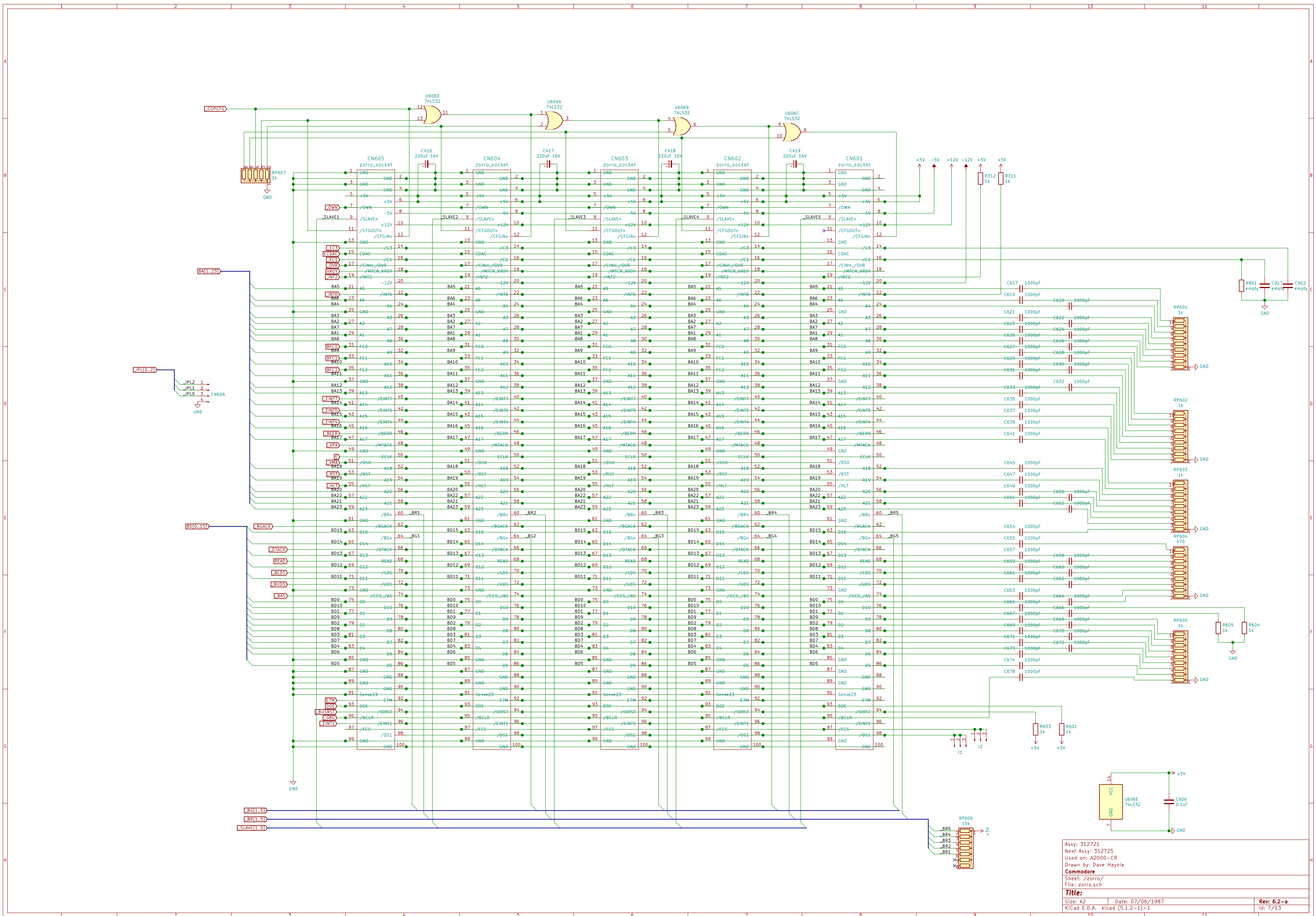








Assy: 312721		
Next Assy: 312725		
Used on: A2000-CR		
Drawn by: Dave Haynie		
Commodore		
Sheet: /chipram/		
File: chipram.sch		
Title: B2000 Chipram		
Size: A3	Date: 07/06/1987	Rev: 6.2-a
KiCad E.D.A. kicad (5.1.2-1)-1		Id: 6/13





+12V -12V -5V +5V

C703  
0.22uF

C704  
0.22uF

C702  
0.22uF

GND

C705  
0.22uF

C701  
22uF 16V

C700  
0.22uF

GND

CN700	
B1	2
A1	3
B2	4
A2	5
B3	6
A3	7
B4	8
A4	9
B5	10
A5	11
B6	12
A6	13
B7	14
A7	15
B8	16
A8	17
B9	18
A9	19
B10	20
A10	21
B11	22
A11	23
B12	24
A12	25
B13	26
A13	27
B14	28
A14	29
B15	30
A15	31
B16	32
A16	33
B17	34
A17	35
B18	36
A18	37
B19	38
A19	39
B20	40
A20	41
B21	42
A21	43
B22	44
A22	45
B23	46
A23	47
B24	48
A24	49
B25	50
A25	51
B26	52
A26	53
B27	54
A27	55
B28	56
A28	57
B29	58
A29	59
B30	60
A30	61
B31	62
A31	63

CN701	
B1	2
A1	3
B2	4
A2	5
B3	6
A3	7
B4	8
A4	9
B5	10
A5	11
B6	12
A6	13
B7	14
A7	15
B8	16
A8	17
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B27	54
A27	55
B28	56
A28	57
B29	58
A29	59
B30	60
A30	61
B31	62
A31	63

CN702	
B1	2
A1	3
B2	4
A2	5
B3	6
A3	7
B4	8
A4	9
B5	10
A5	11
B6	12
A6	13
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A31	63

CN703	
B1	2
A1	3
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A27	55
B28	56
A28	57
B29	58
A29	59
B30	60
A30	61
B31	62
A31	63

C711 1000pF

C713 1000pF

C714 1000pF

C716 1000pF

C717 1000pF

C719 1000pF

C720 1000pF

C722 1000pF

C726 1000pF

C728 1000pF

C730 1000pF

C732 1000pF

C734 1000pF

C736 1000pF

C738 1000pF

C740 1000pF

C742 1000pF

C744 1000pF

C746 1000pF

C748 1000pF

C750 1000pF

C752 1000pF

C754 1000pF

C756 1000pF

C758 1000pF

C790 1000pF

C791 1000pF

C793 1000pF

C794 1000pF

C796 1000pF

C760 1000pF

C762 1000pF

C764 1000pF

C766 1000pF

C768 1000pF

C770 1000pF

C776 1000pF

C778 1000pF

C780 1000pF

C782 1000pF

C784 1000pF

C786 1000pF

C787 1000pF

C789 1000pF

RP700  
1k

RP705  
4.7k

RP701  
1k

RP702  
1k

RP703  
1k

RP704  
1k

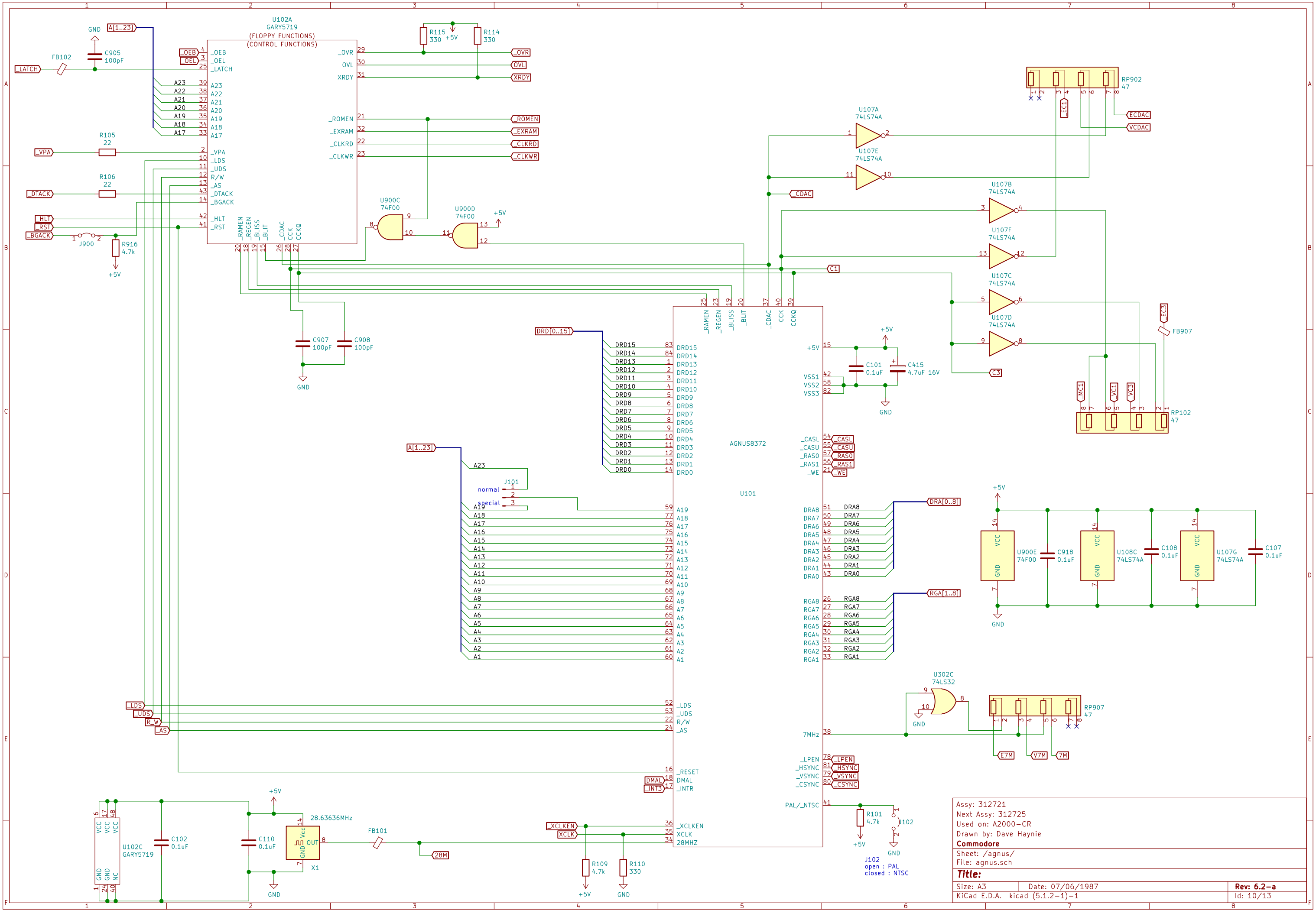
Note: R6 PCB - C789 is noted C788 and connected to \_MASTER instead of D15

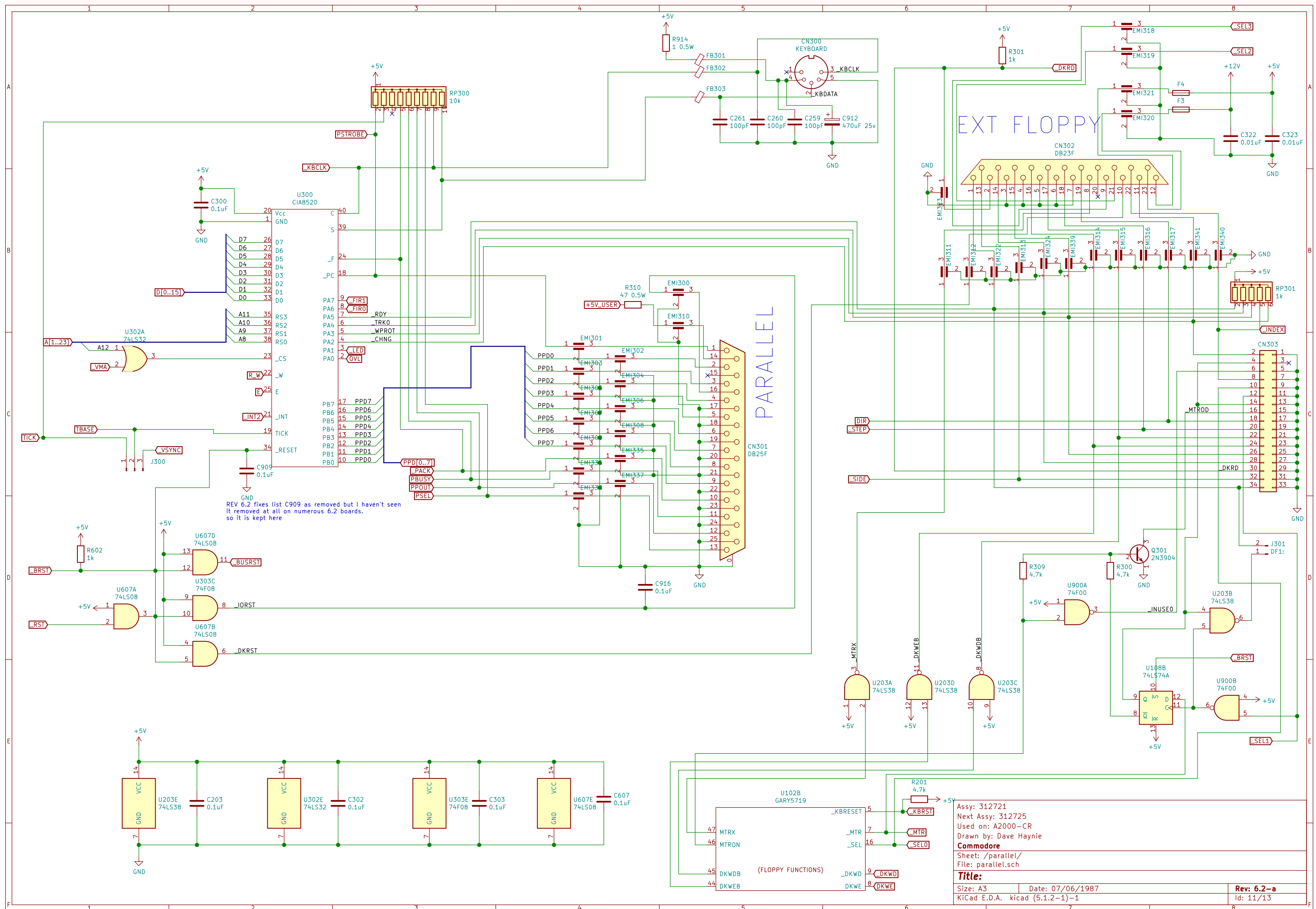
Assy: 312721  
Next Assy: 312725  
Used on: A2000-CR  
Drawn by: Dave Haynie  
**Commodore**  
Sheet: /pc slots/  
File: pc slots.sch

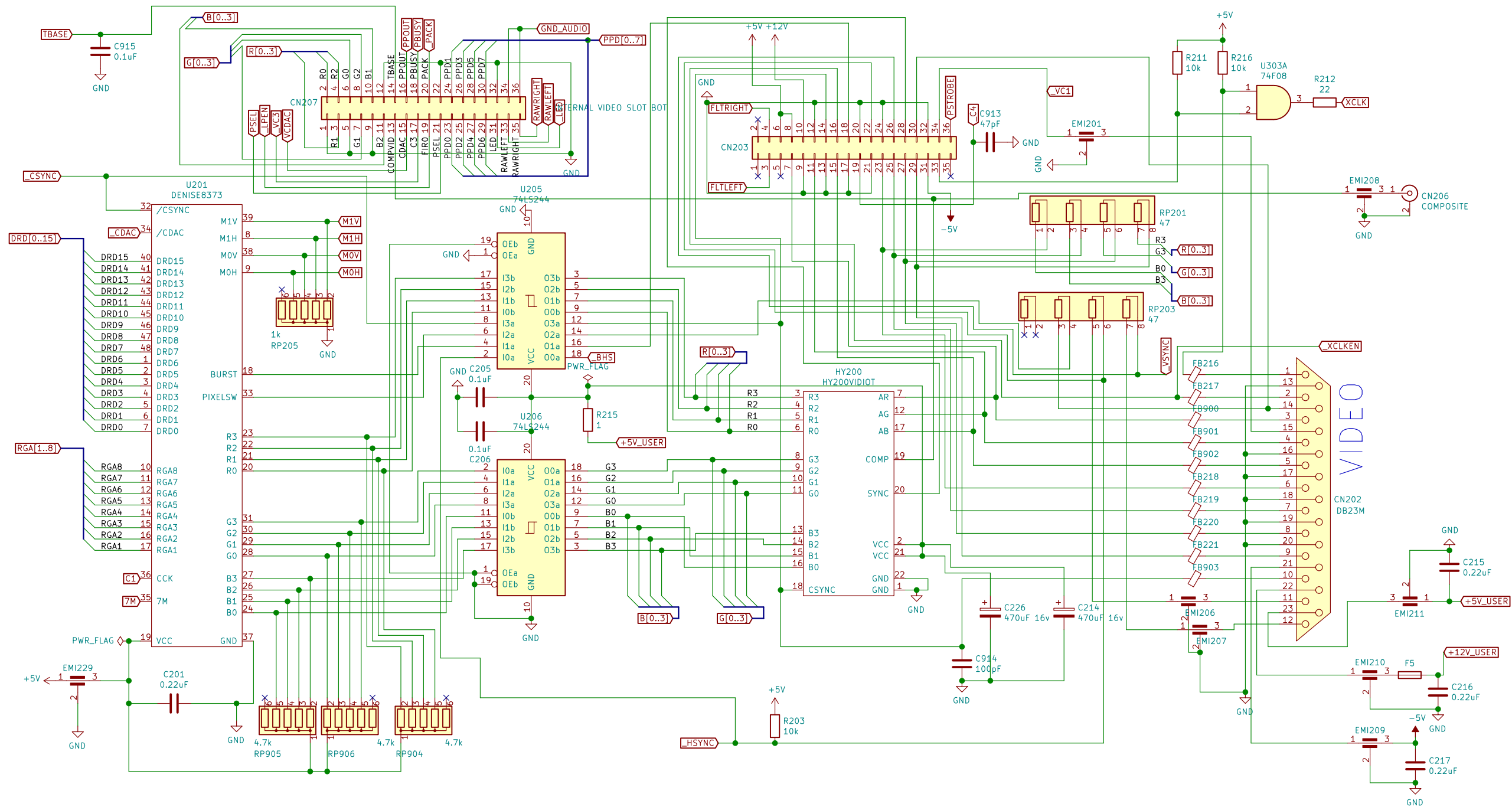
Title:		
Size: A2	Date: 07/06/1987	Rev: 6.2-a
KiCad E.D.A.	kiCad (5.1.2-1)-1	Id: 8/13











Assy: 312721		
Next Assy: 312725		
Used on: A2000-CR		
Drawn by: Dave Haynie		
<b>Commodore</b>		
Sheet: /denise/		
File: denise.sch		
<b>Title:</b>		
Size: A3	Date: 07/06/1987	Rev: 6.2-a
KiCad E.D.A. kicad (5.1.2-1)-1		Id: 12/13

