

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

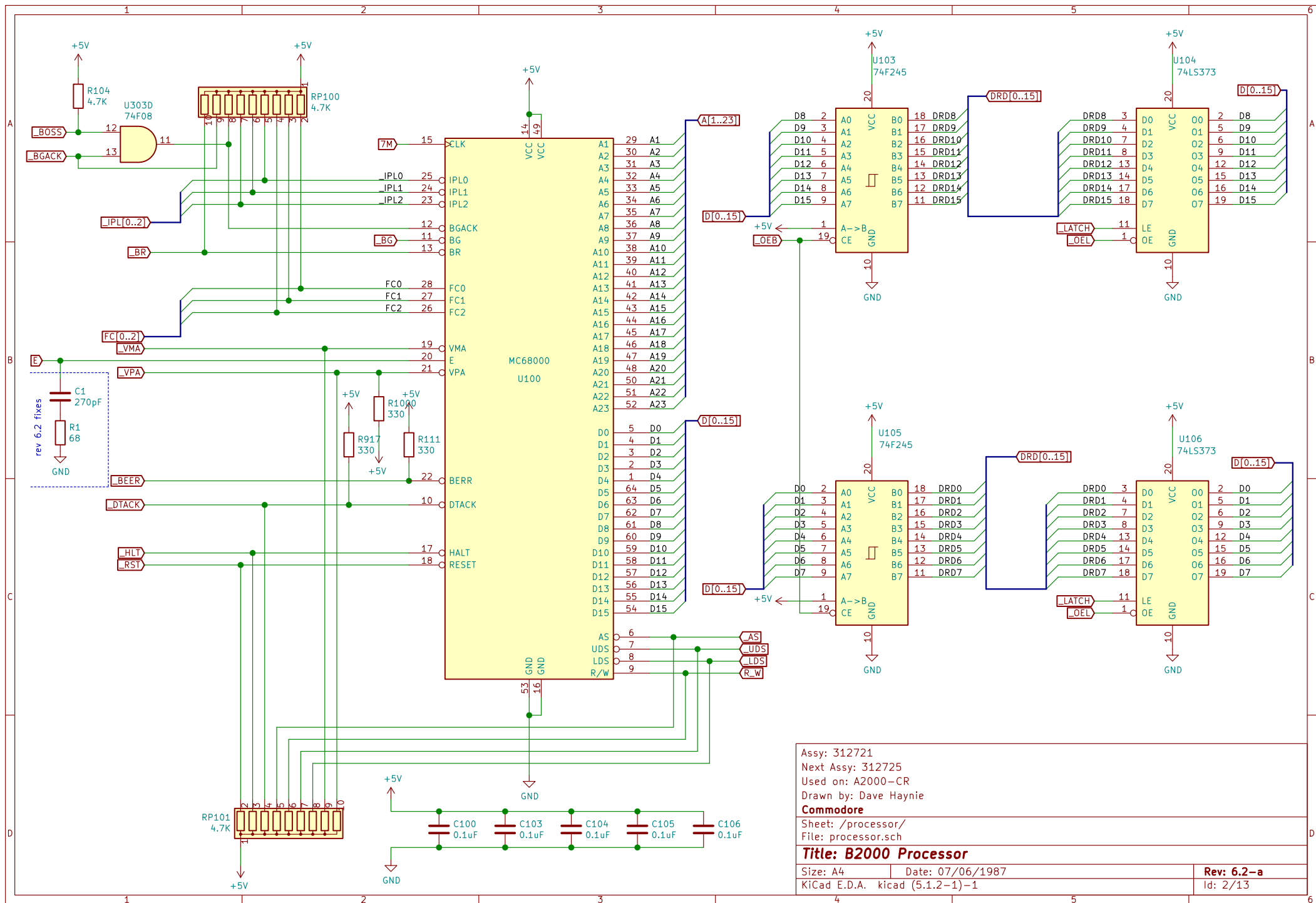
**Title:**

Size: A4  
KiCad E.D.A. kicad (5.1.2–1)–1

Date: 07/06/1987

**Rev: 6.2–a**

Id: 1/13

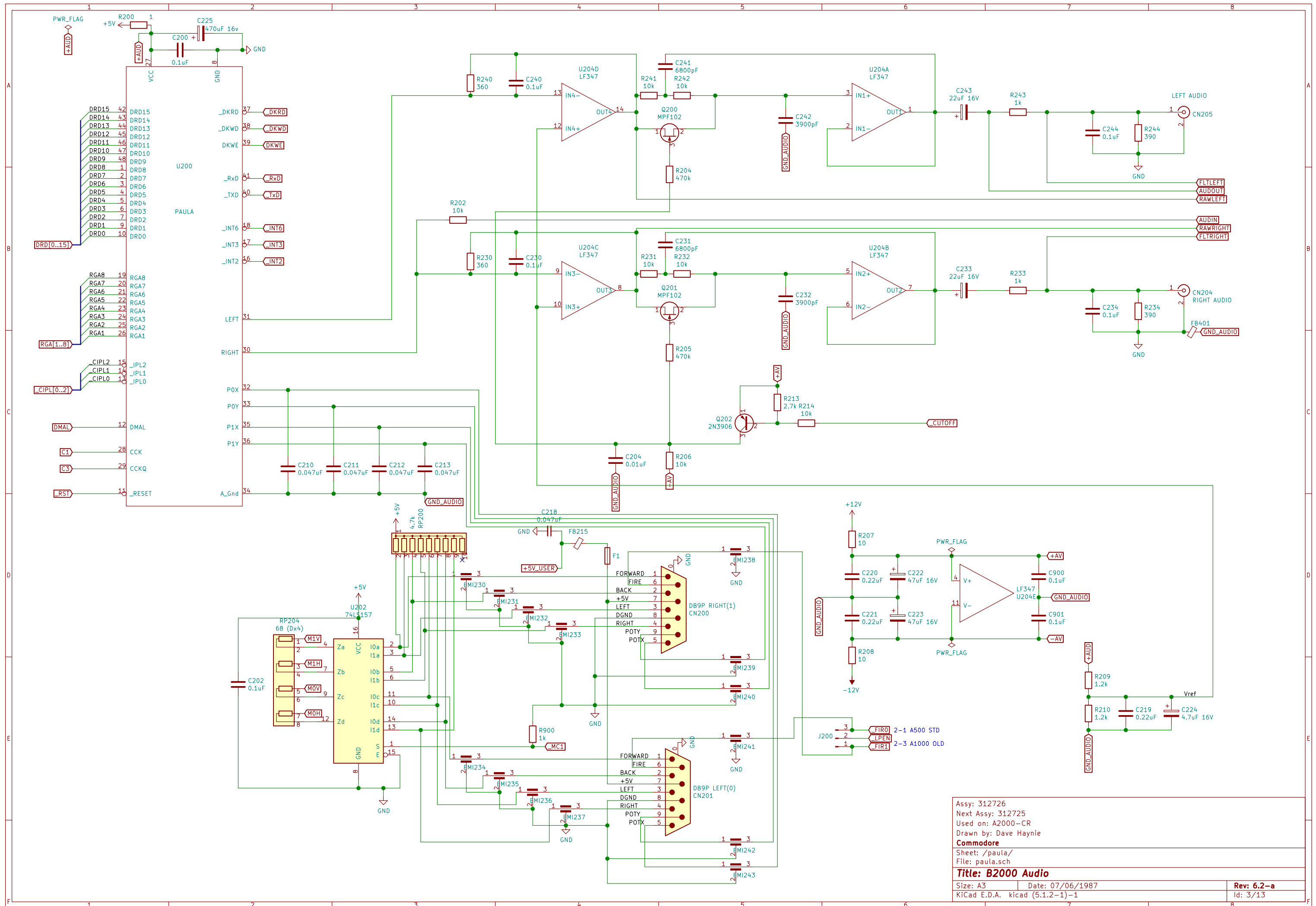


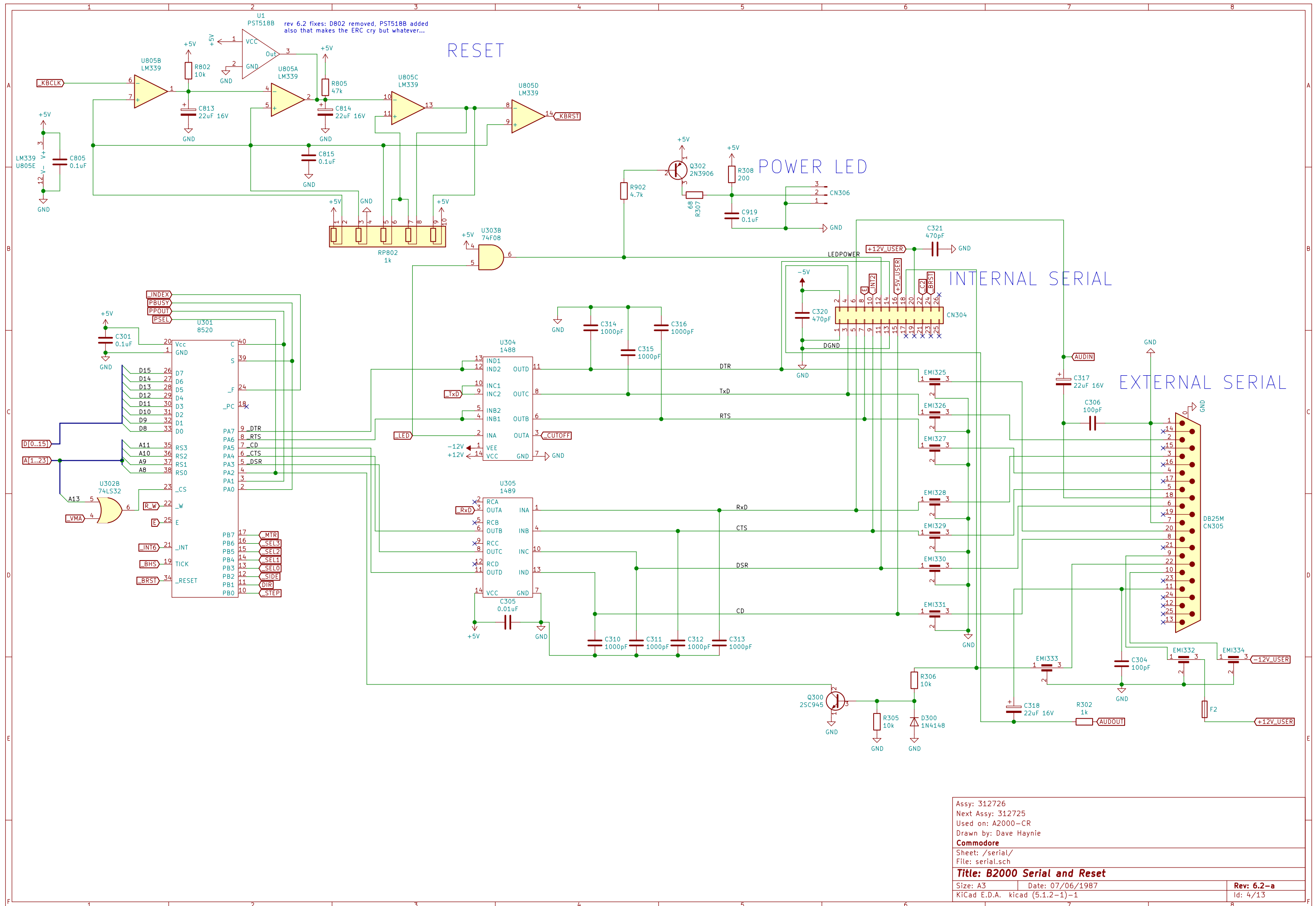
Assy: 312721  
 Next Assy: 312725  
 Used on: A2000-CR  
 Drawn by: Dave Haynie

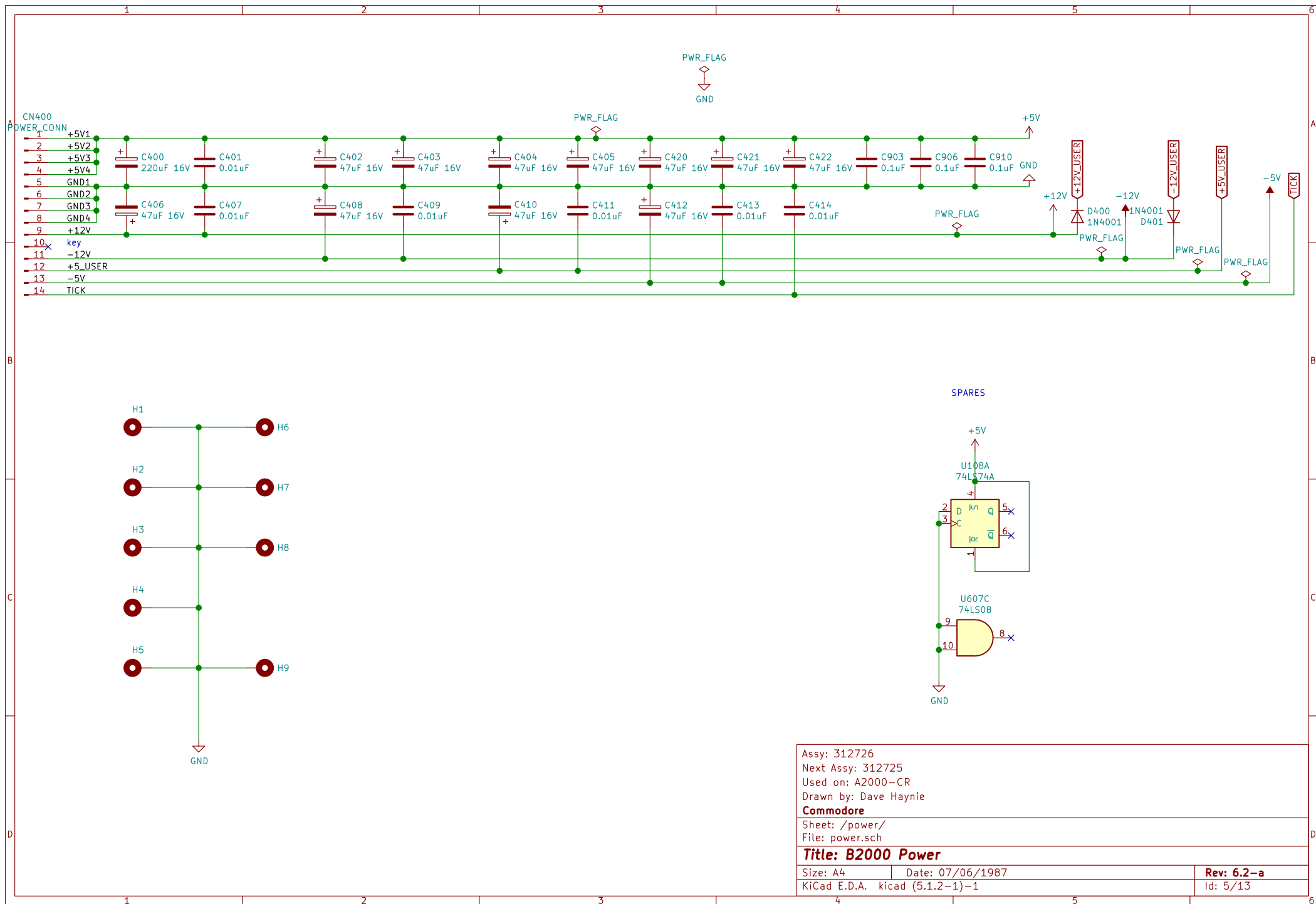
# Commodore

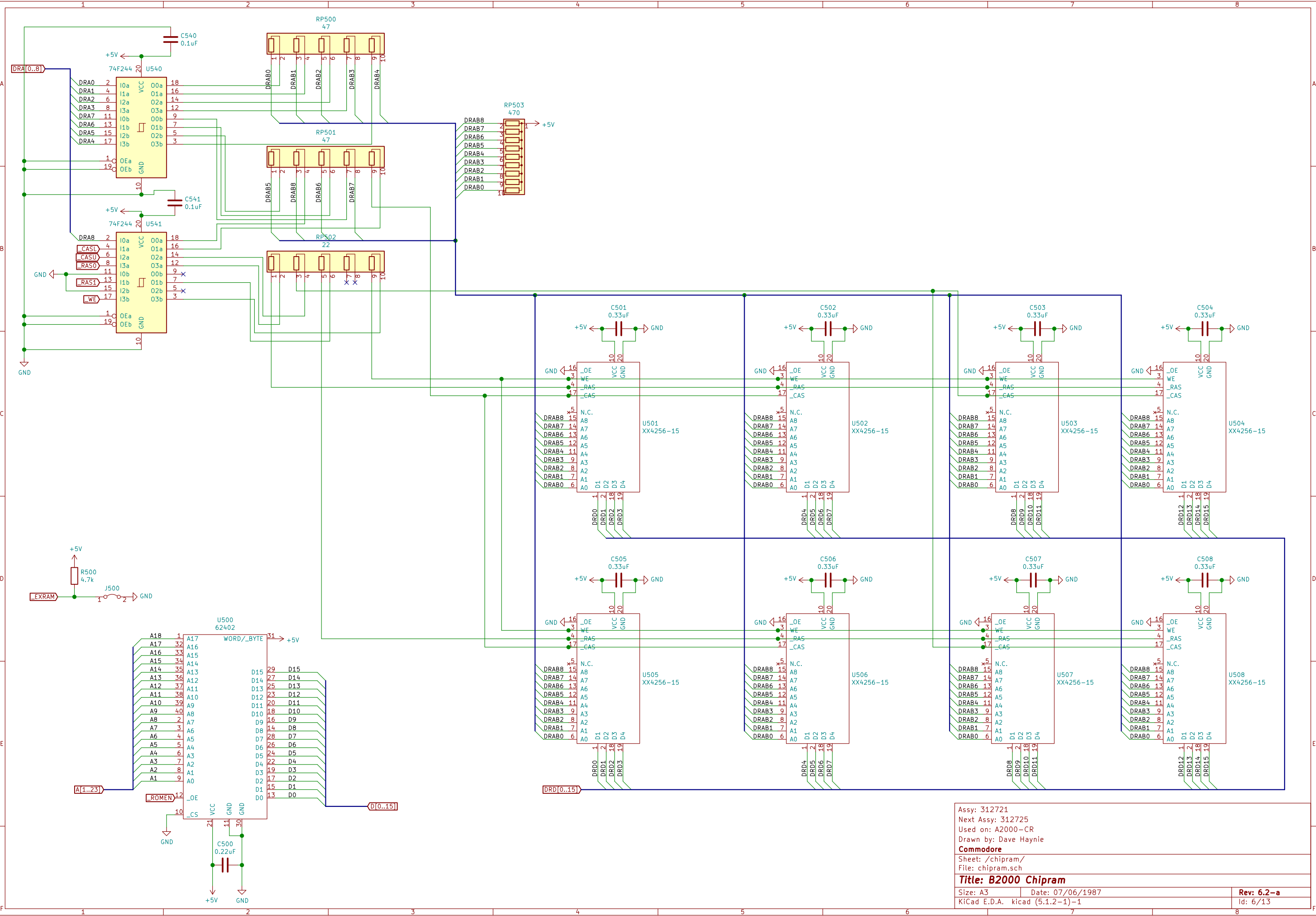
Sheet: /processor/  
 File: processor.sch

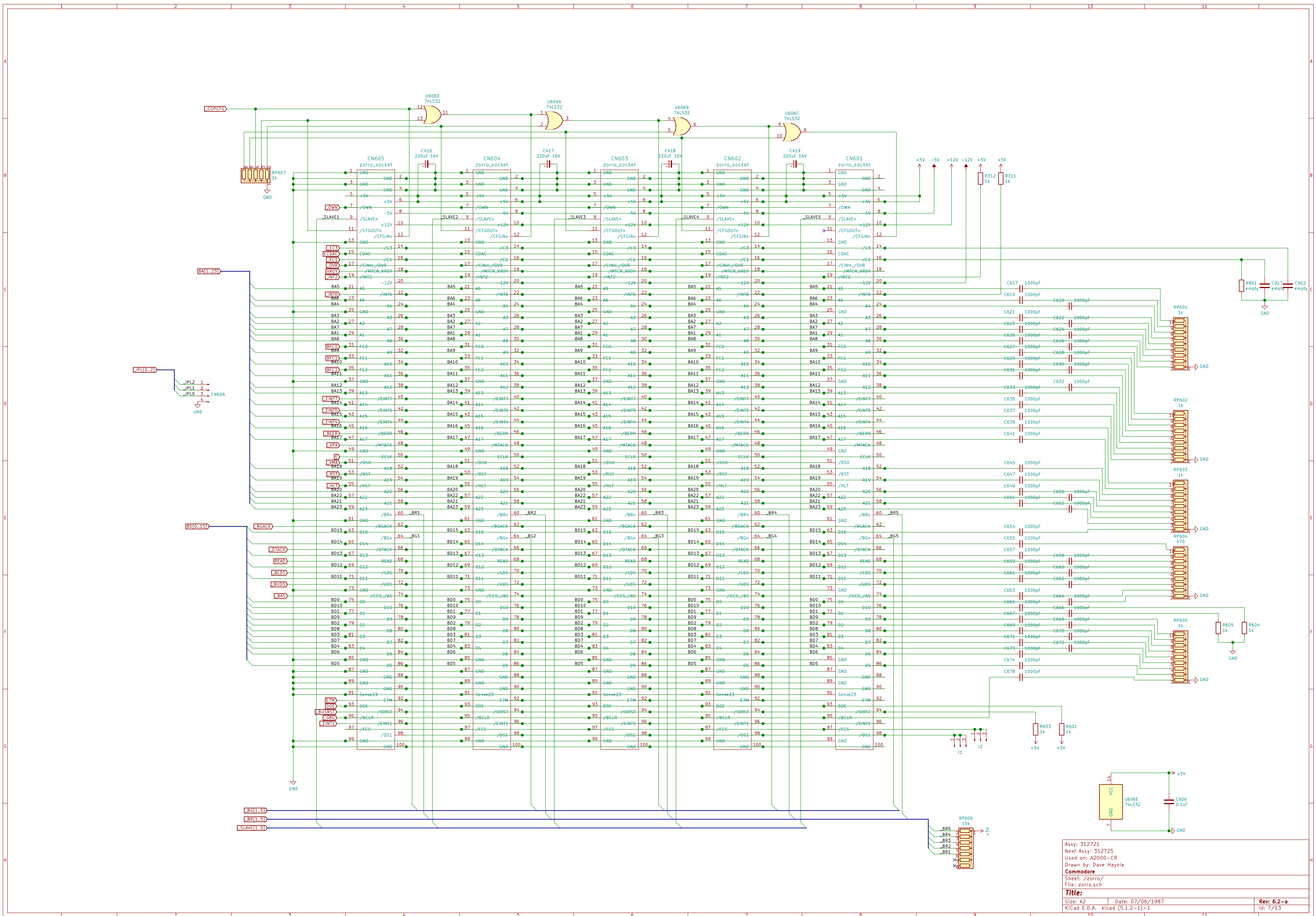
## Title: B2000 Processor













+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 J0CHK  
B2 3 RESDRV  
B3 4 D7  
B4 6 D6  
B5 7 IRQ2  
B6 8 D5  
B7 10 D4  
B8 11 DRQ2  
B9 12 D3  
B10 14 D2  
B11 15 CD\_SFL  
B12 16 D1  
B13 18 D0  
B14 20 J0READY  
B15 21 \_MEMW  
B16 22 AEN  
B17 23 \_MEMR  
B18 24 J0W  
B19 26 A18  
B20 27 J0R  
B21 28 A17  
B22 30 A16  
B23 31 DRQ3  
B24 32 A15  
B25 33 \_DACK1  
B26 34 A14  
B27 35 DRQ1  
B28 36 A13  
B29 37 SHITHEAD  
B30 38 A12  
B31 40 A11  
B32 41 IRQ7  
B33 42 A10  
B34 43 IRQ6  
B35 44 A9  
B36 45 IRQ5  
B37 46 A8  
B38 47 IRQ4  
B39 48 A7  
B40 49 IRQ3  
B41 50 A6  
B42 51 \_DACK2  
B43 52 A5  
B44 53 TC  
B45 54 A4  
B46 55 ALE  
B47 56 A3  
B48 58 A2  
B49 59 OSC  
B50 60 A1  
B51 61 A0  
B52 62 A0

CN701

B1 2  
B2 3  
B3 4  
B4 6  
B5 7  
B6 8  
B7 10  
B8 11  
B9 12  
B10 14  
B11 15  
B12 16  
B13 18  
B14 20  
B15 21  
B16 22  
B17 23  
B18 24  
B19 26  
B20 27  
B21 28  
B22 30  
B23 31  
B24 32  
B25 33  
B26 34  
B27 35  
B28 36  
B29 37  
B30 38  
B31 40  
B32 41  
B33 42  
B34 43  
B35 44  
B36 45  
B37 46  
B38 47  
B39 48  
B40 49  
B41 50  
B42 51  
B43 52  
B44 53  
B45 54  
B46 55  
B47 56  
B48 58  
B49 59  
B50 60  
B51 61  
B52 62

CN702

B1 2  
B2 3  
B3 4  
B4 6  
B5 7  
B6 8  
B7 10  
B8 11  
B9 12  
B10 14  
B11 15  
B12 16  
B13 18  
B14 20  
B15 21  
B16 22  
B17 23  
B18 24  
B19 26  
B20 27  
B21 28  
B22 30  
B23 31  
B24 32  
B25 33  
B26 34  
B27 35  
B28 36  
B29 37  
B30 38  
B31 40  
B32 41  
B33 42  
B34 43  
B35 44  
B36 45  
B37 46  
B38 47  
B39 48  
B40 49  
B41 50  
B42 51  
B43 52  
B44 53  
B45 54  
B46 55  
B47 56  
B48 58  
B49 59  
B50 60  
B51 61  
B52 62

CN703

B1 2  
B2 3  
B3 4  
B4 6  
B5 7  
B6 8  
B7 10  
B8 11  
B9 12  
B10 14  
B11 15  
B12 16  
B13 18  
B14 20  
B15 21  
B16 22  
B17 23  
B18 24  
B19 26  
B20 27  
B21 28  
B22 30  
B23 31  
B24 32  
B25 33  
B26 34  
B27 35  
B28 36  
B29 37  
B30 38  
B31 40  
B32 41  
B33 42  
B34 43  
B35 44  
B36 45  
B37 46  
B38 47  
B39 48  
B40 49  
B41 50  
B42 51  
B43 52  
B44 53  
B45 54  
B46 55  
B47 56  
B48 58  
B49 59  
B50 60  
B51 61  
B52 62

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:

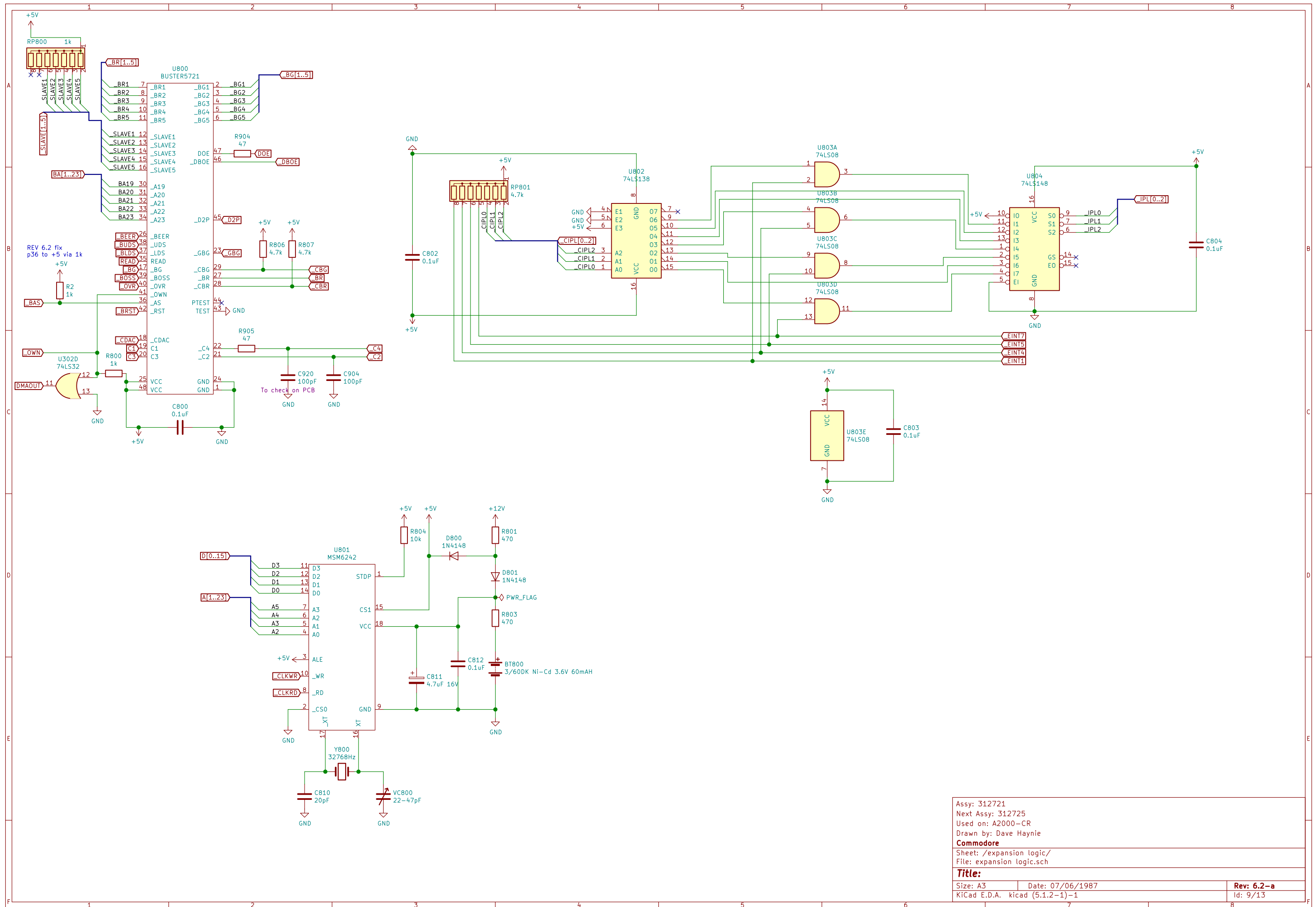
Size: A2 Date: 07/06/1987

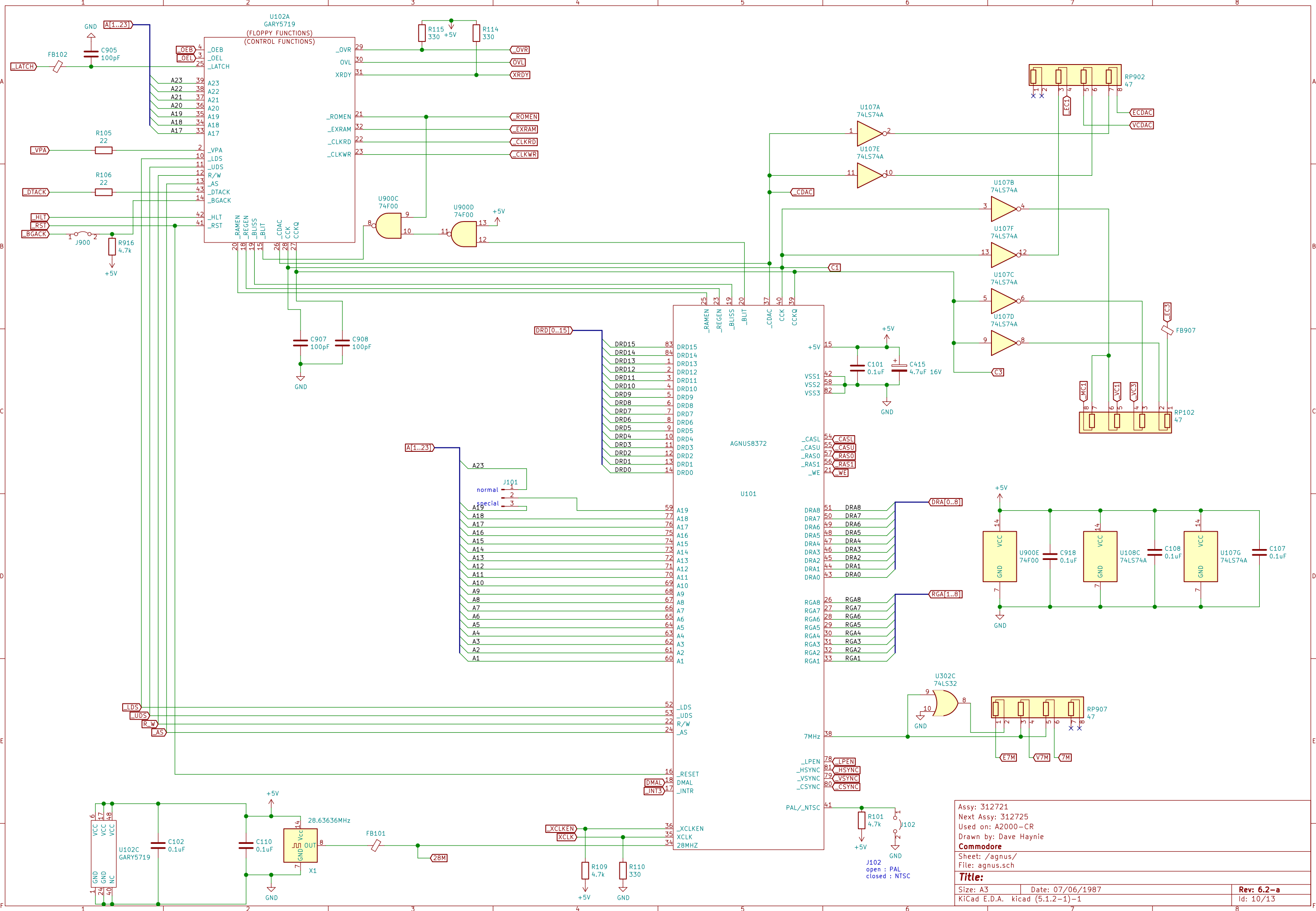
KiCad E.D.A. kicad (5.1.2-1)-1

Rev: 6.2-a

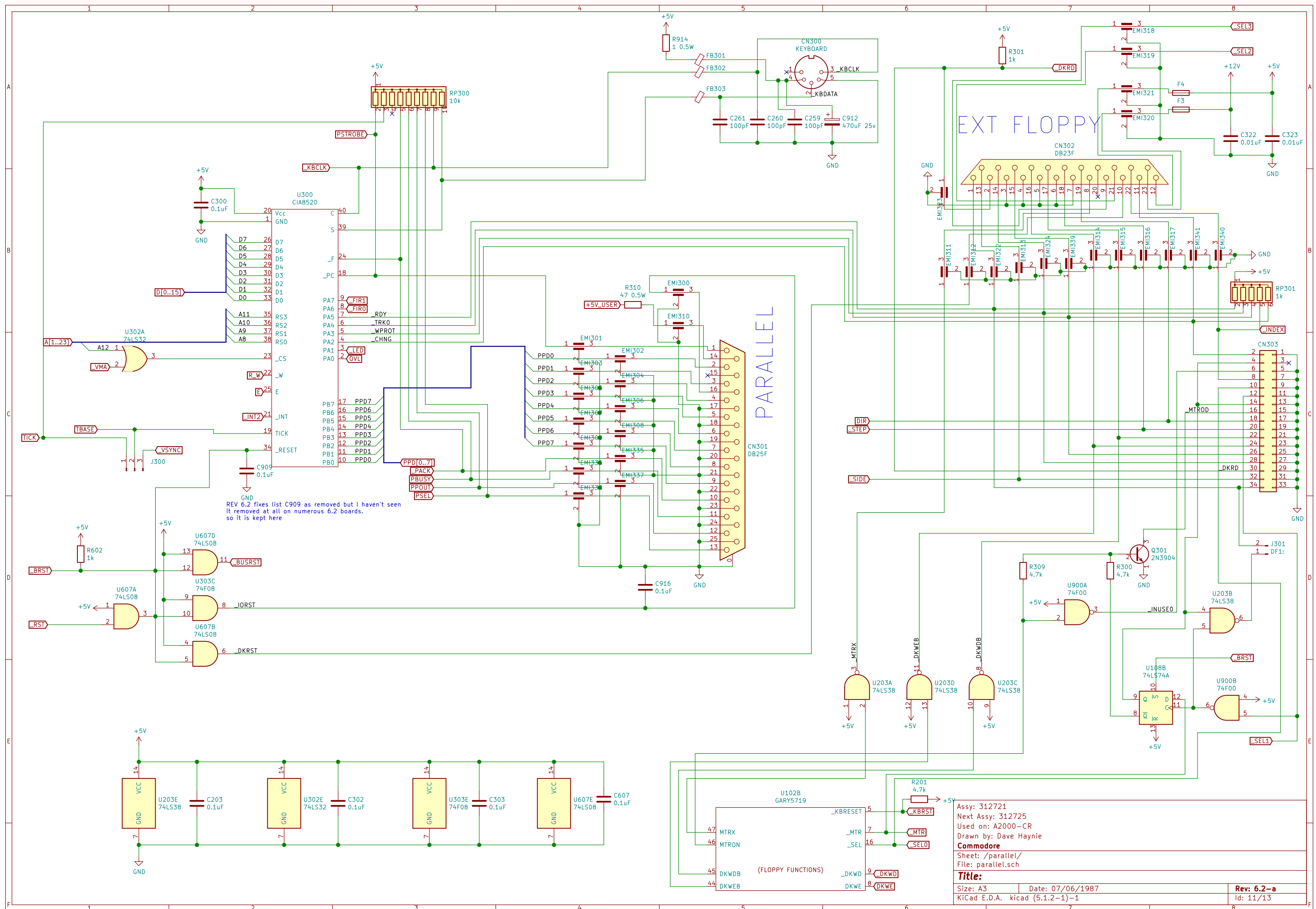
Id: 8/13

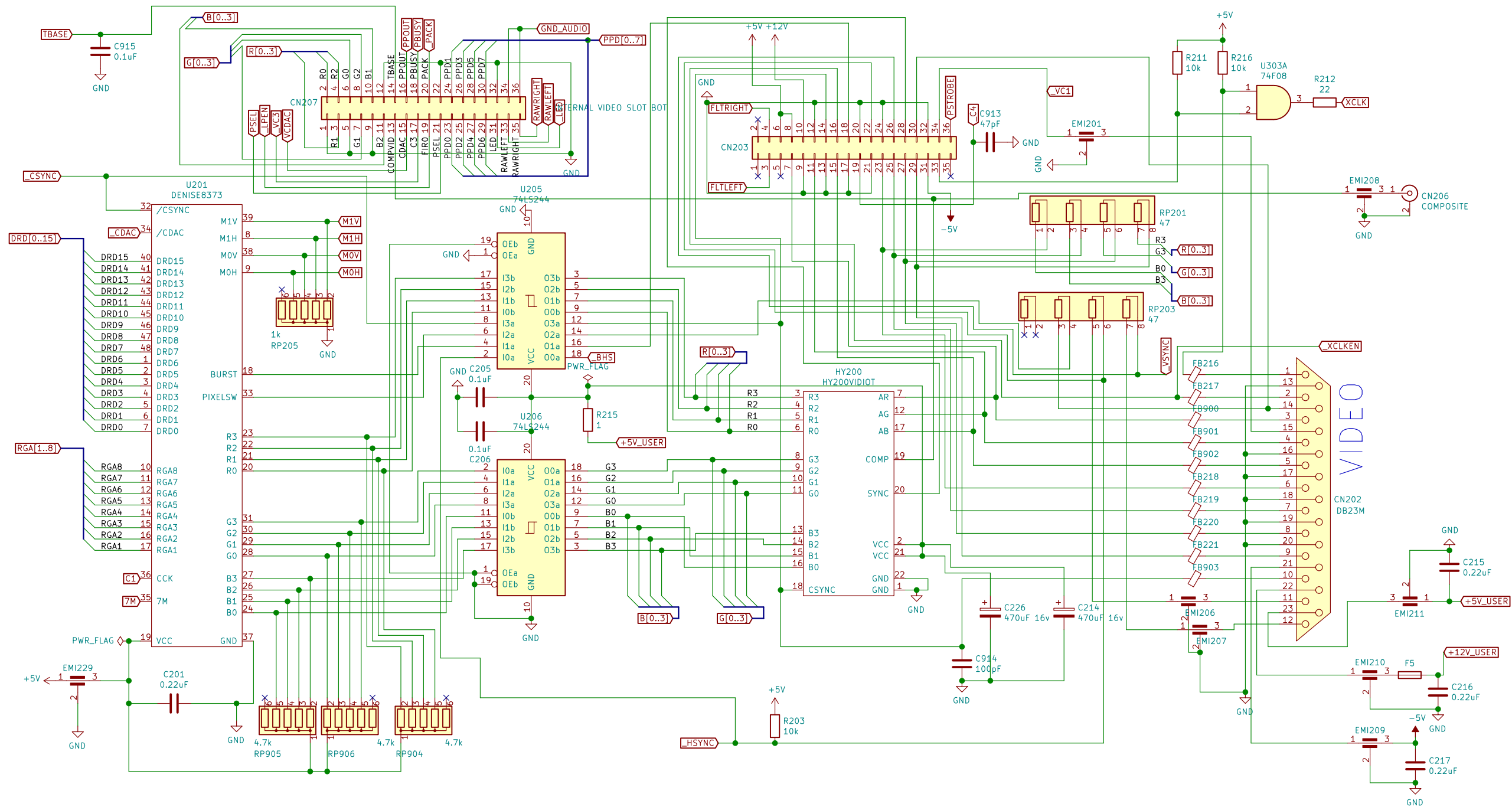






Assy: 312721		
Next Assy: 312725		
Used on: A2000-CR		
Drawn by: Dave Haynie		
<b>Commodore</b>		
Sheet: /agnus/ File: agnus.sch		
<b>Title:</b>		
Size: A3	Date: 07/06/1987	Rev: 6.2-a
KiCad E.D.A. kicad (5.1.2-1)-1		Id: 10/13





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

