

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

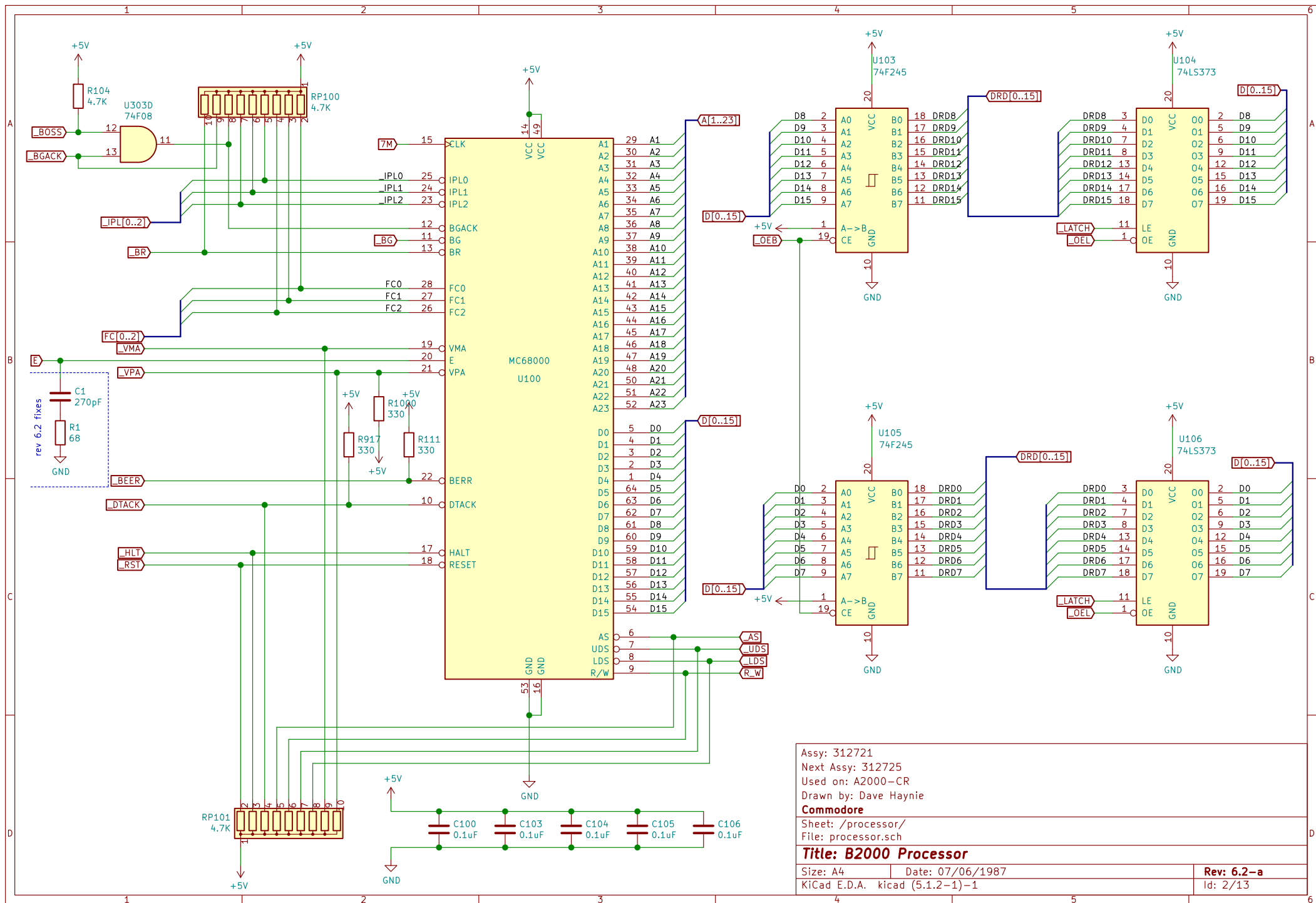
Used on: A2000-CR  
Drawn by: Dave Haynie  
**Commodore**

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**

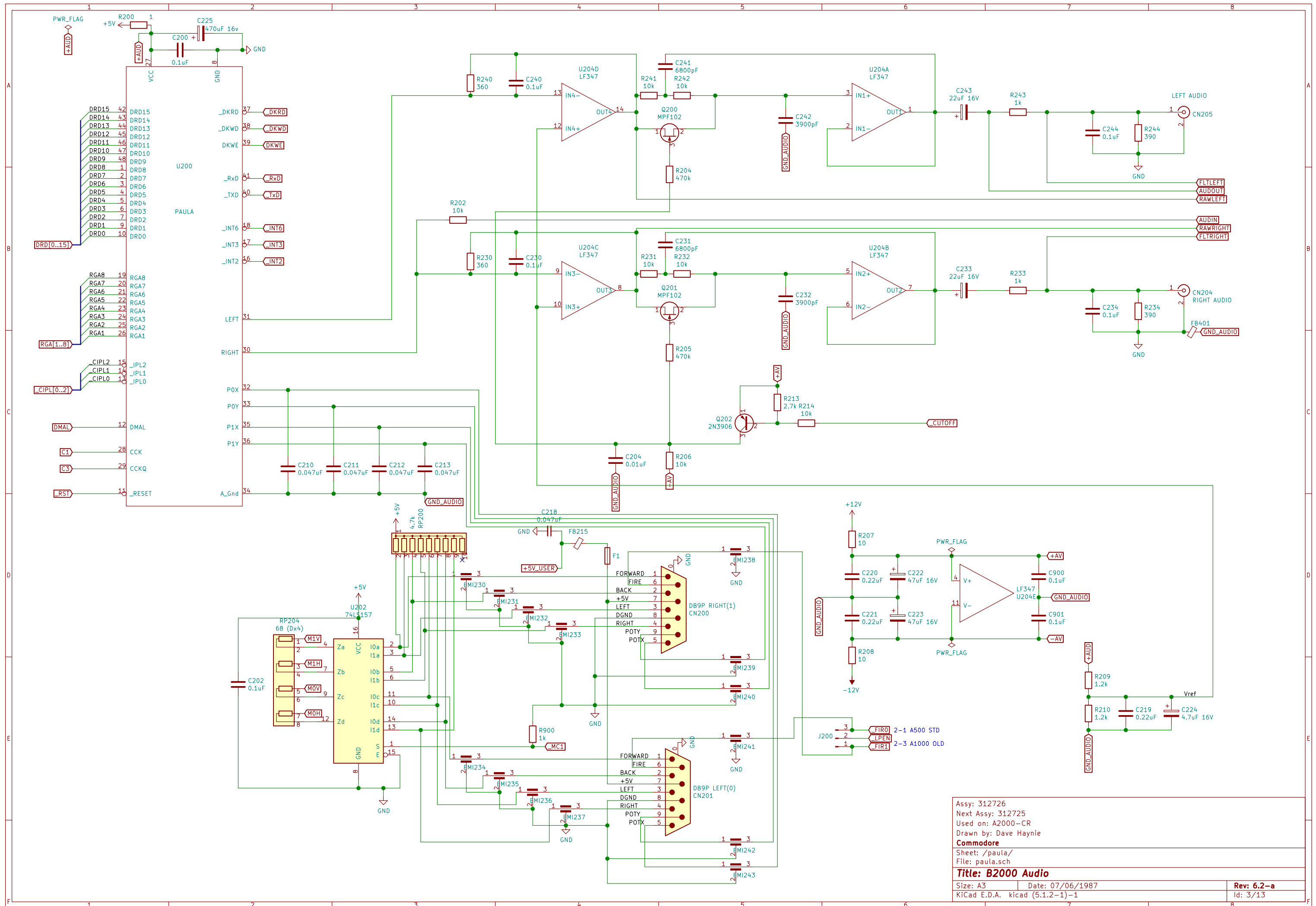
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 File: processor.sch

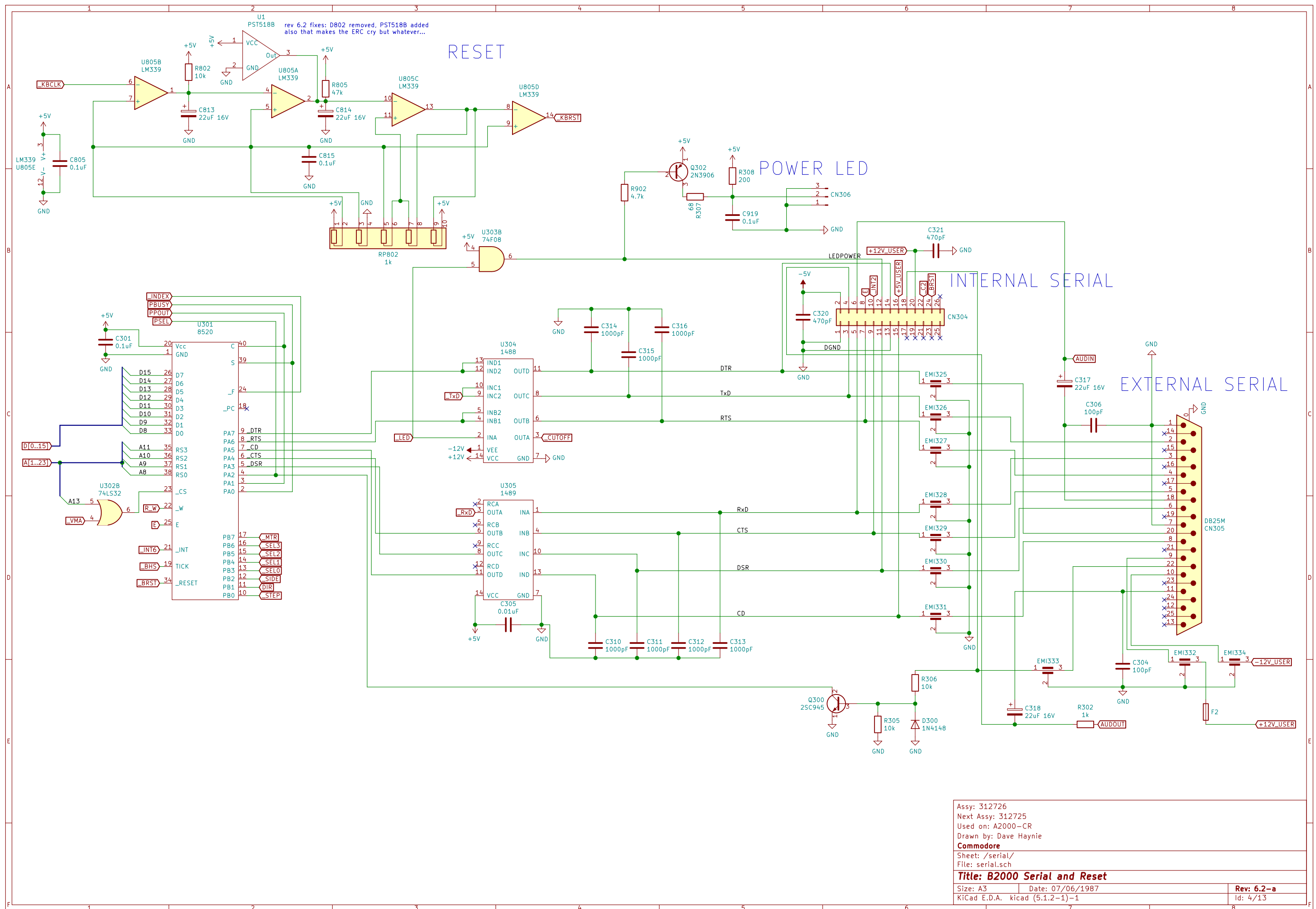
## **Title: B2000 Processor**

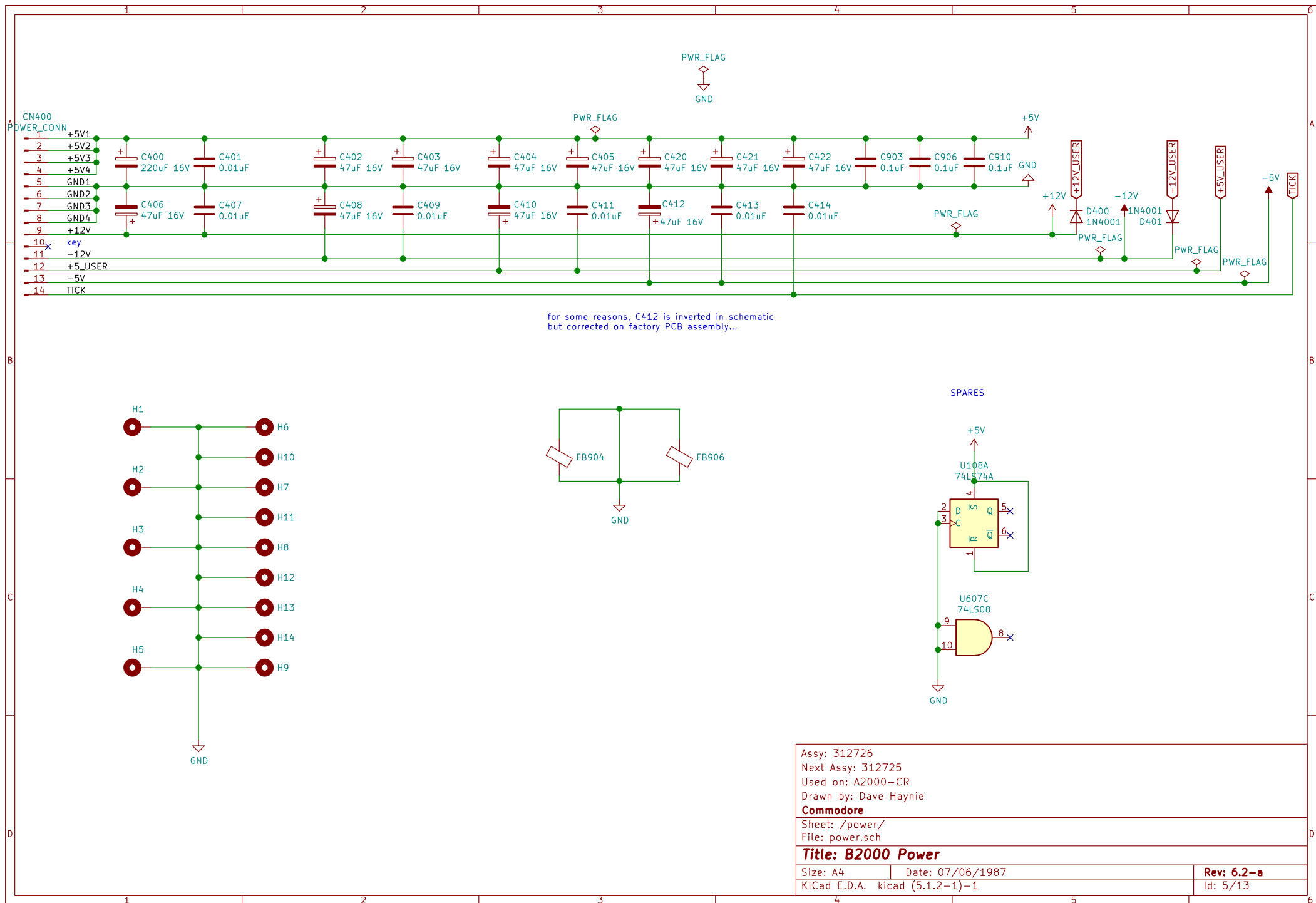
Size: A4 Date: 07/06/1987

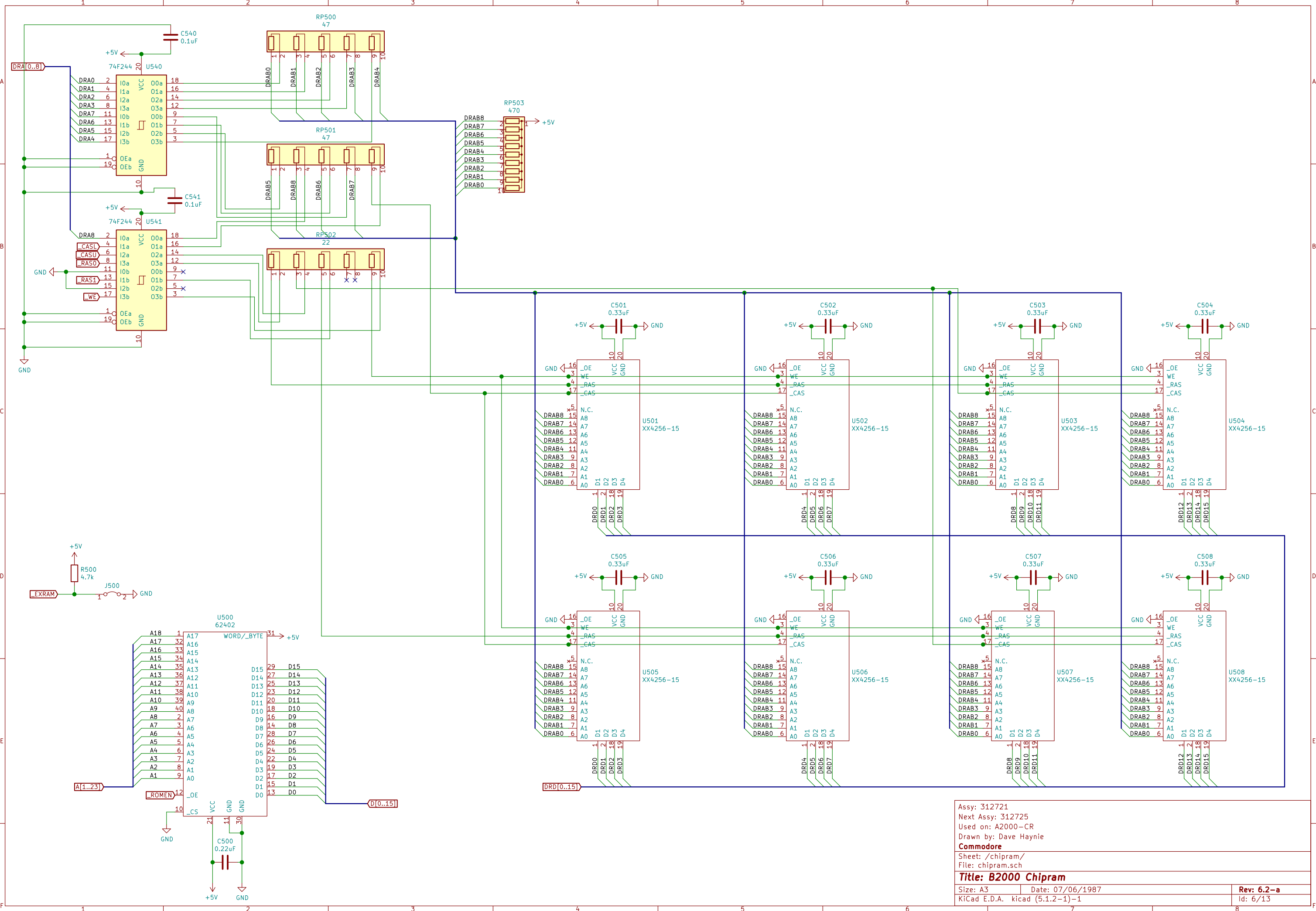
KiCad E.D.A. kicad (5.1.2-1)-1

Rev: 6.2-a  
 Id: 2/13









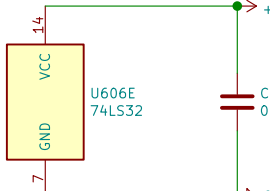
Assy: 312721  
Next Assy: 312725  
Used on: A2000-CR  
Drawn by: Dave Haynie

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



<b>Title:</b>		
Size: A2	Date: 07/06/1987	Rev: 6.2-a
KiCad E.D.A. kicad (5.1.2-1)-1		Id: 7/13



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

C703  
0.22uF

C704  
0.22uF

C702  
0.22uF

C705  
0.22uF

C701  
22uF 16V

C700  
0.22uF

CN700

B1 2

A1 3

A2 4

B3 6

B4 7

A4 8

B5 10

A5 11

A6 12

B7 14

A7 15

B8 16

A8 18

B9 19

A9 20

B10 21

A10 22

B11 23

A11 24

B12 26

A12 27

B13 28

A13 29

B14 30

A14 31

B15 32

A15 33

B16 34

A16 35

B17 36

A17 37

B18 38

A18 39

B19 40

A19 41

B20 42

A20 43

B21 44

A21 45

B22 46

A22 47

B23 48

A23 49

B24 50

A24 51

B25 52

A25 53

B26 54

A26 55

B27 56

A27 57

B28 58

A28 59

CN701

B1 2

A1 3

B2 4

B3 6

B4 7

A4 8

B5 10

A5 11

B6 12

B7 14

A7 15

B8 16

A8 18

B9 19

A9 20

B10 21

A10 22

B11 23

A11 24

B12 26

A12 27

B13 28

A13 29

B14 30

A14 31

B15 32

A15 33

B16 34

A16 35

B17 36

A17 37

B18 38

A18 39

B19 40

A19 41

B20 42

A20 43

B21 44

A21 45

B22 46

A22 47

B23 48

A23 49

B24 50

A24 51

B25 52

A25 53

B26 54

A26 55

B27 56

A27 57

B28 58

A28 59

CN702

B1 2

A1 3

B2 4

B3 6

B4 7

A4 8

B5 10

A5 11

B6 12

B7 14

A7 15

B8 16

A8 18

B9 19

A9 20

B10 21

A10 22

B11 23

A11 24

B12 26

A12 27

B13 28

A13 29

B14 30

A14 31

B15 32

A15 33

B16 34

A16 35

B17 36

A17 37

B18 38

A18 39

B19 40

A19 41

B20 42

A20 43

B21 44

A21 45

B22 46

A22 47

B23 48

A23 49

B24 50

A24 51

B25 52

A25 53

B26 54

A26 55

B27 56

A27 57

B28 58

A28 59

CN703

B1 2

A1 3

B2 4

B3 6

B4 7

A4 8

B5 10

A5 11

B6 12

B7 14

A7 15

B8 16

A8 18

B9 19

A9 20

B10 21

A10 22

B11 23

A11 24

B12 26

A12 27

B13 28

A13 29

B14 30

A14 31

B15 32

A15 33

B16 34

A16 35

B17 36

A17 37

B18 38

A18 39

B19 40

A19 41

B20 42

A20 43

B21 44

A21 45

B22 46

A22 47

B23 48

A23 49

B24 50

A24 51

B25 52

A25 53

B26 54

A26 55

B27 56

A27 57

B28 58

A28 59

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

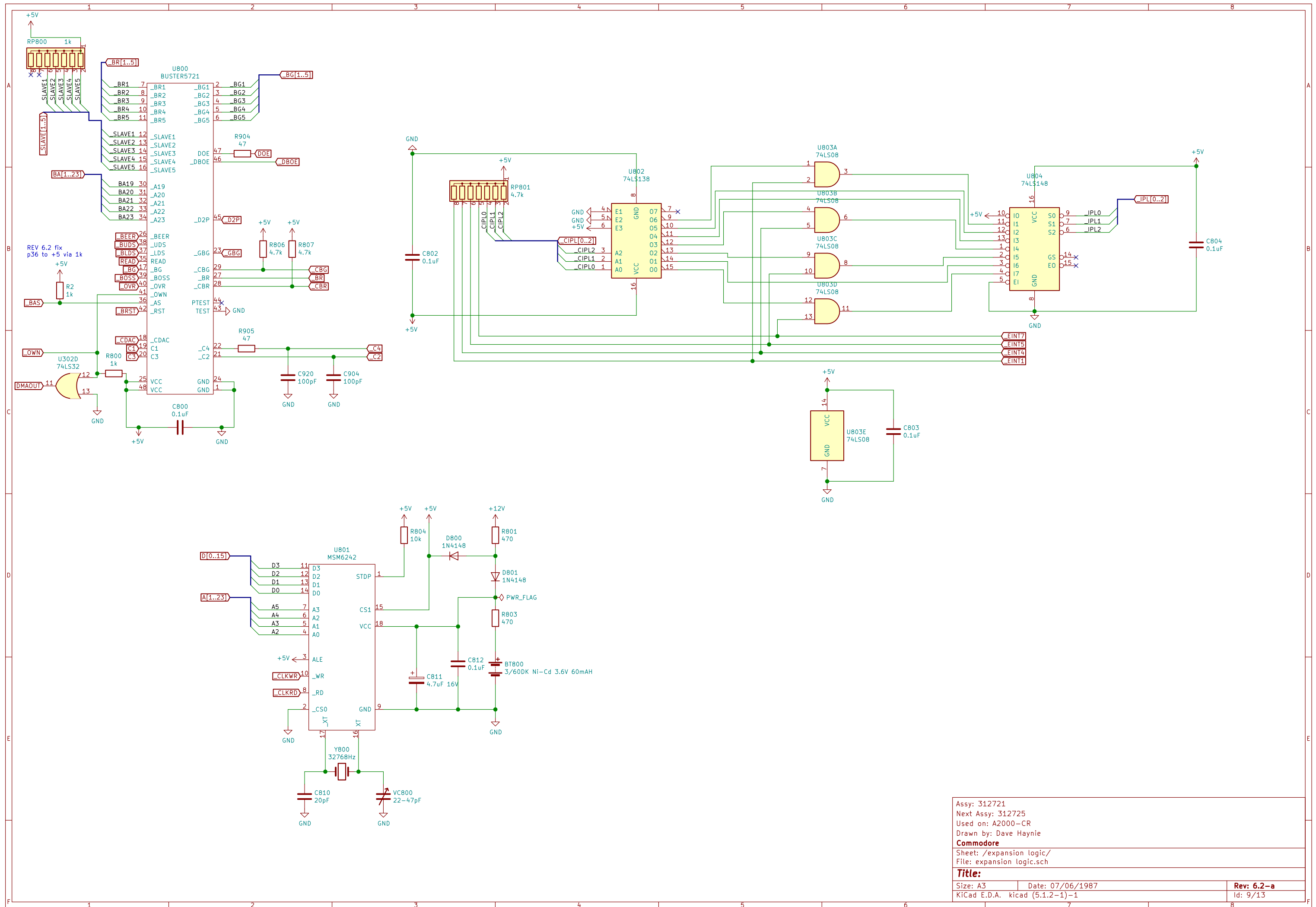
RP702 1k

RP703 1k

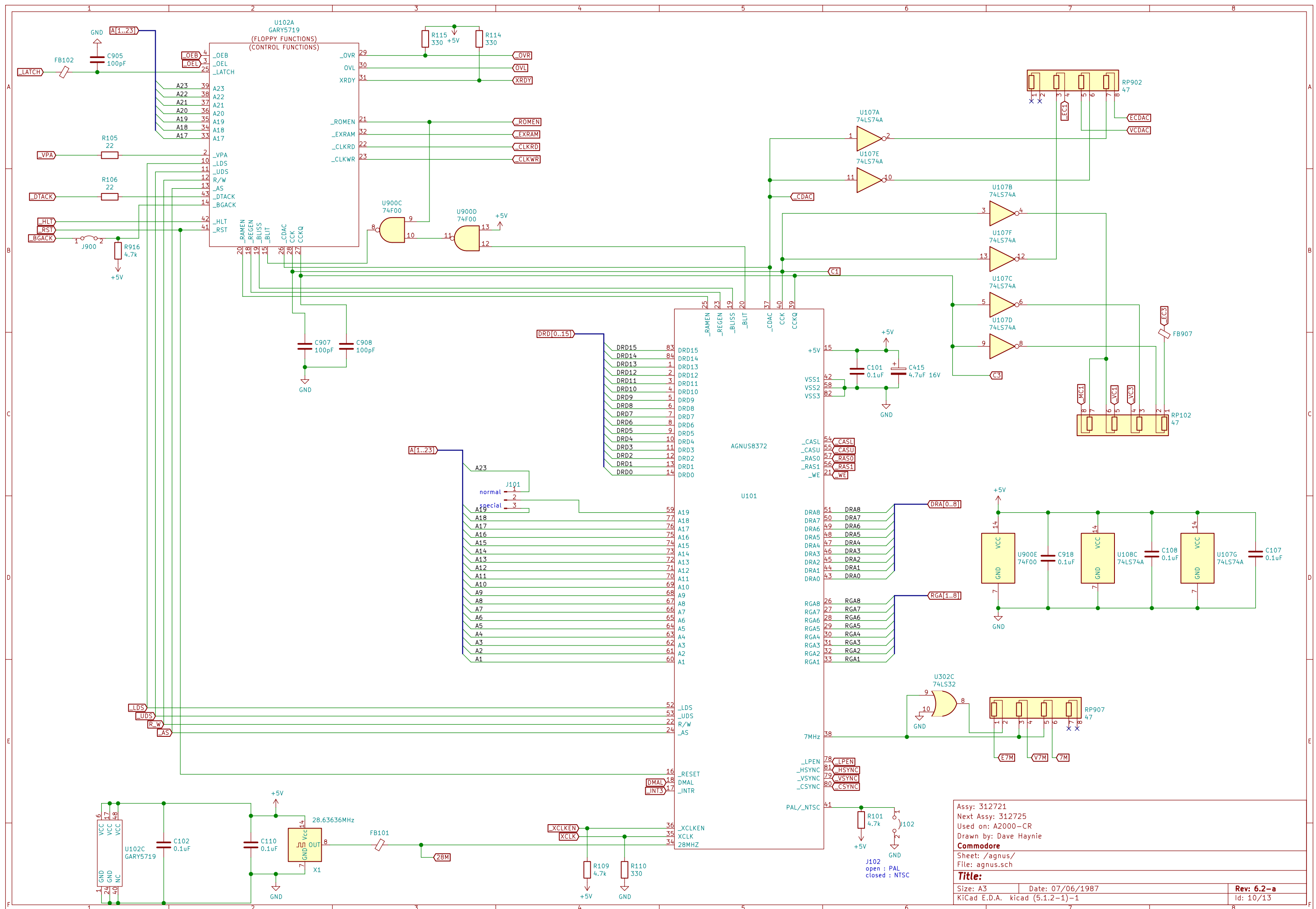
RP704 1k

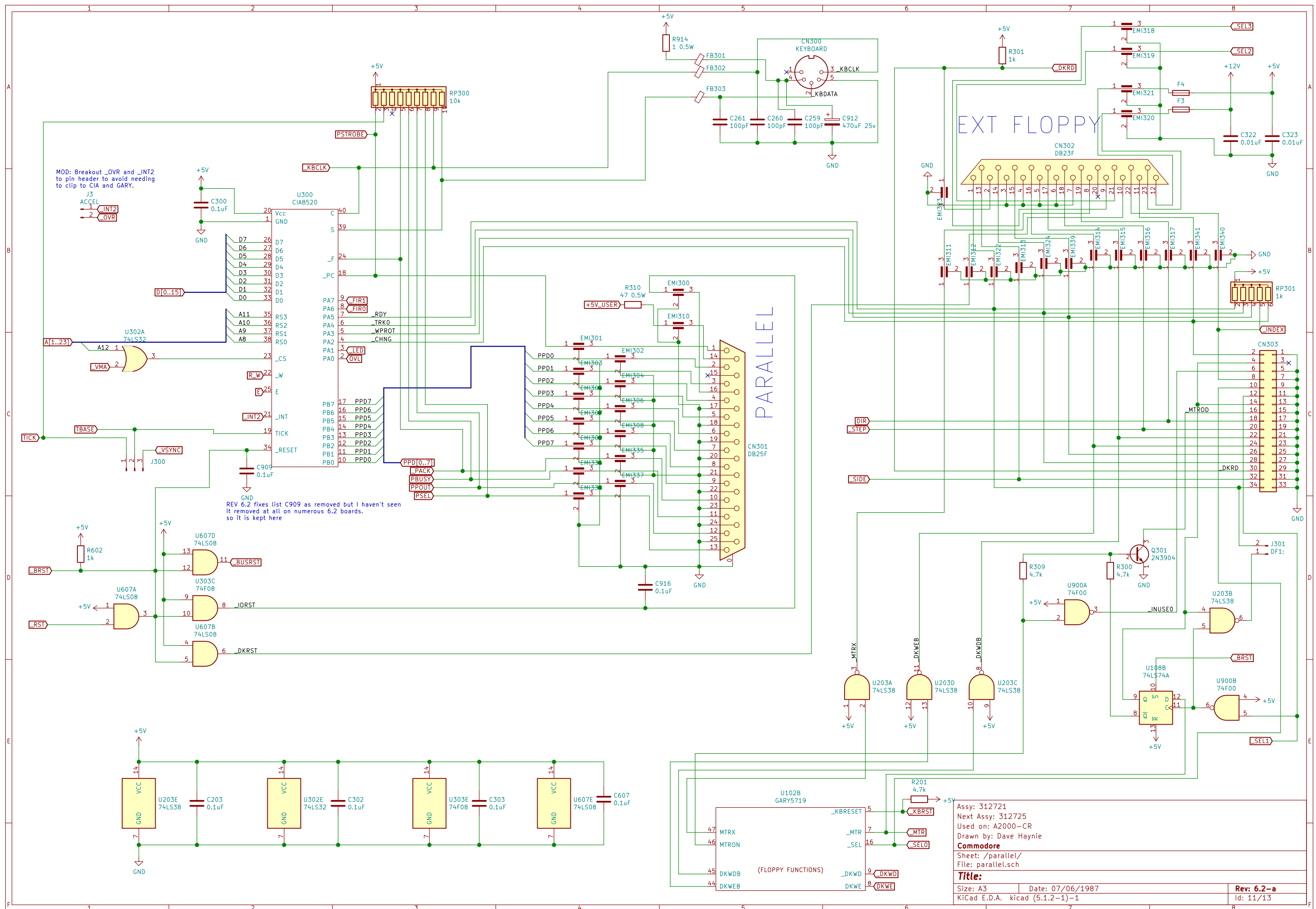
Note: R6 PCB - C789 is noted C788 and connected to \_MASTER instead of D15

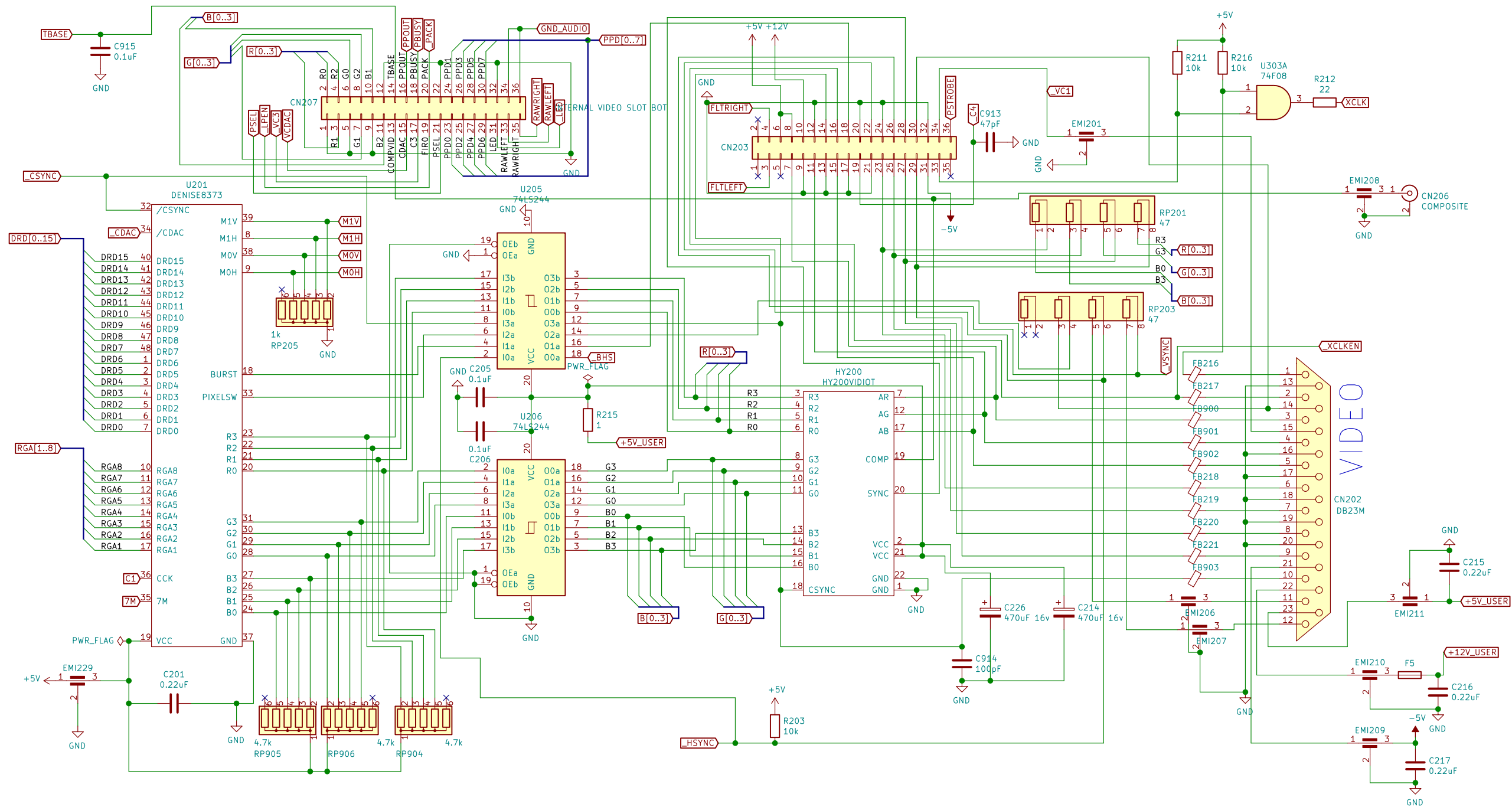




Assy: 312721		
Next Assy: 312725		
Used on: A2000-CR		
Drawn by: Dave Haynie		
Commodore		
Sheet: /expansion logic/		
File: expansion logic.sch		
Title:		
Size: A3	Date: 07/06/1987	Rev: 6.2-a
KiCad E.D.A. kicad (5.1.2-1)-1		Id: 9/13







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

