

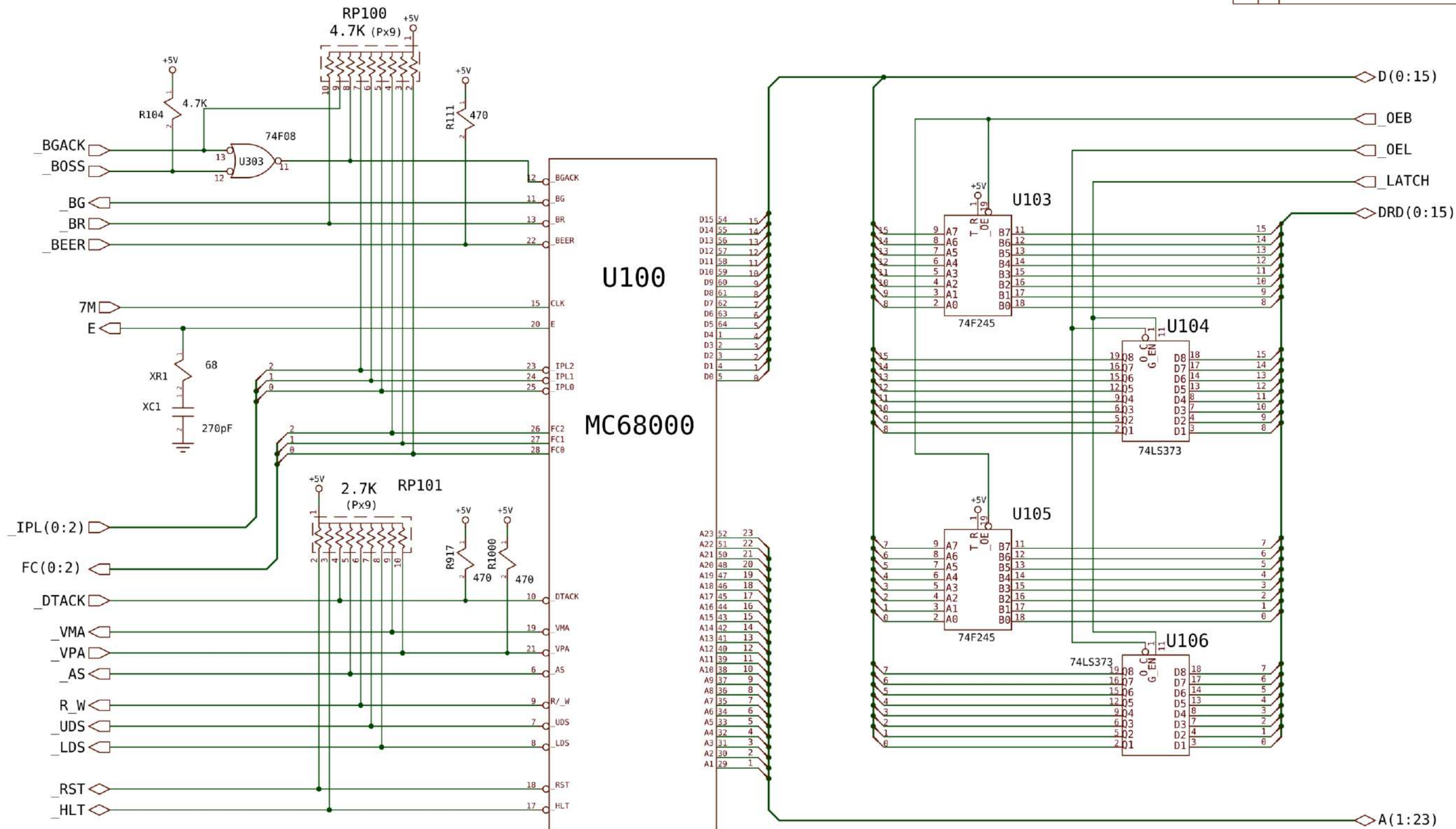
COMMODORE AMIGA A2000
Schematics

rev 6

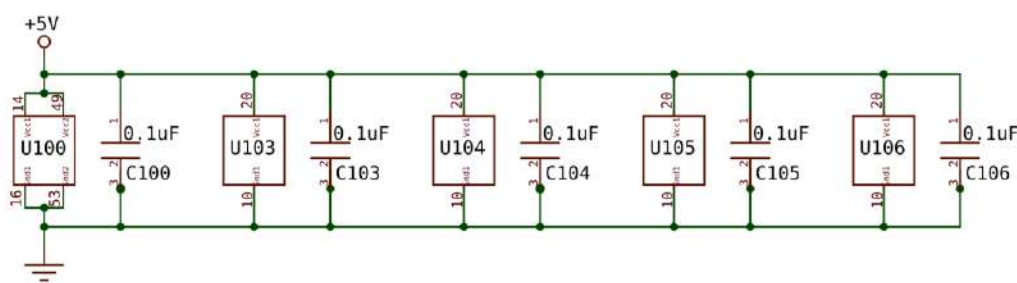
www.amigawiki.org



REVISTONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
2		ADVANCED ENGINEERING RELEASE		
3		PILOT PRODUCTION RELEASE		
4		PRODUCTION RELEASE		
J		DOCUMENTATION CLEANUP		



Note: XR1/XC1 added by ECO 890262
for E-Clock termination...



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C.A.D. Generated

No manual changes may be made to this document

Something in the way she moves...

Commodore

SCHEMATIC

A2000CR

SIZE C 312721

SCALE NONE SHEET 1 OF 12

DRAWN BY: Dave Haynie

CHKD: HCD

ENGR: DRH

APPR:

USED ON: A2000-CR

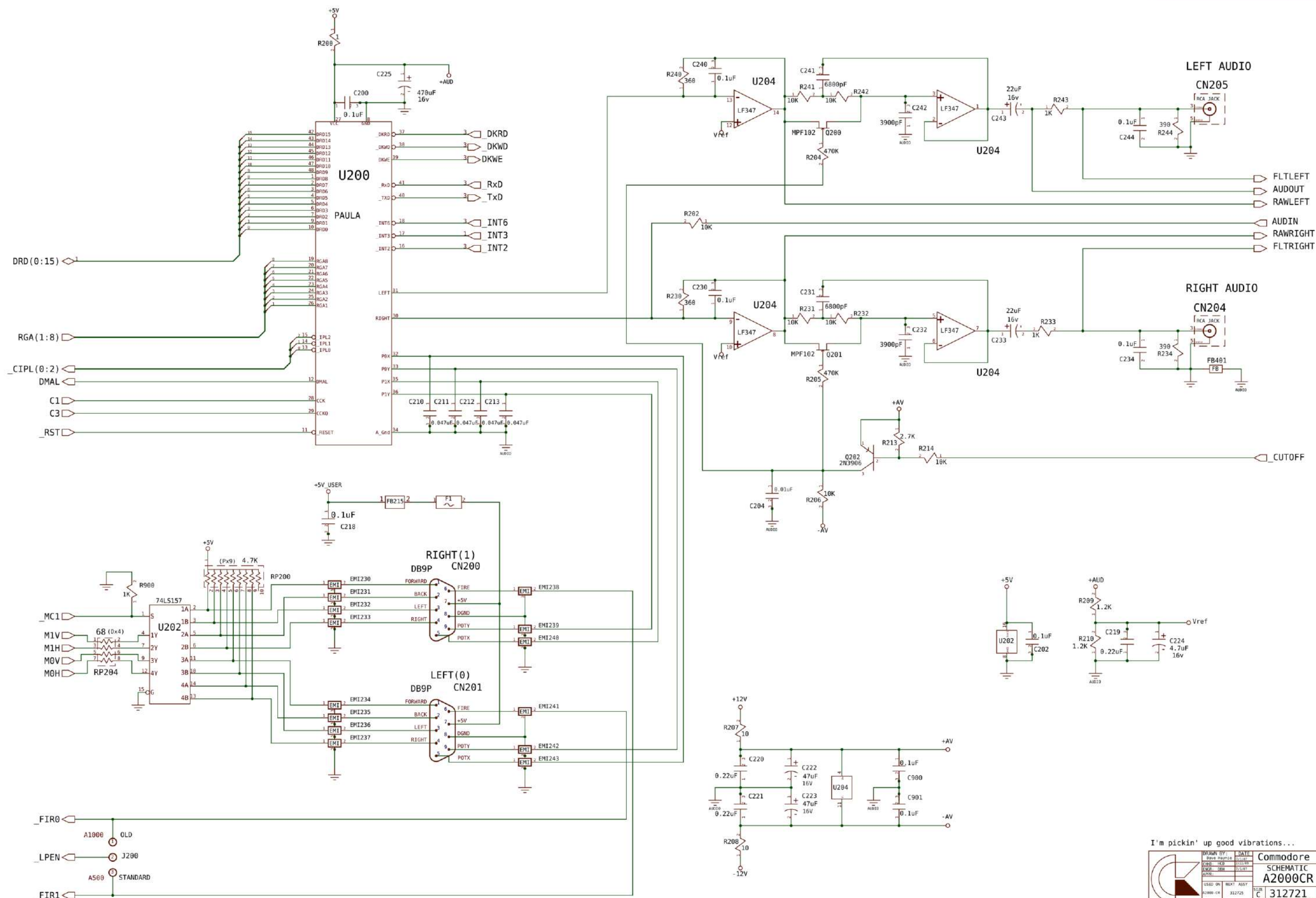
NEXT ASSY: 312725

DATE: 7/6/87

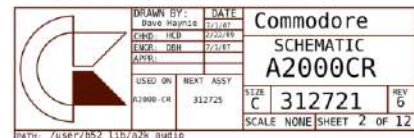
REV: 6

PATH: /user/b52 lib/a2k processor

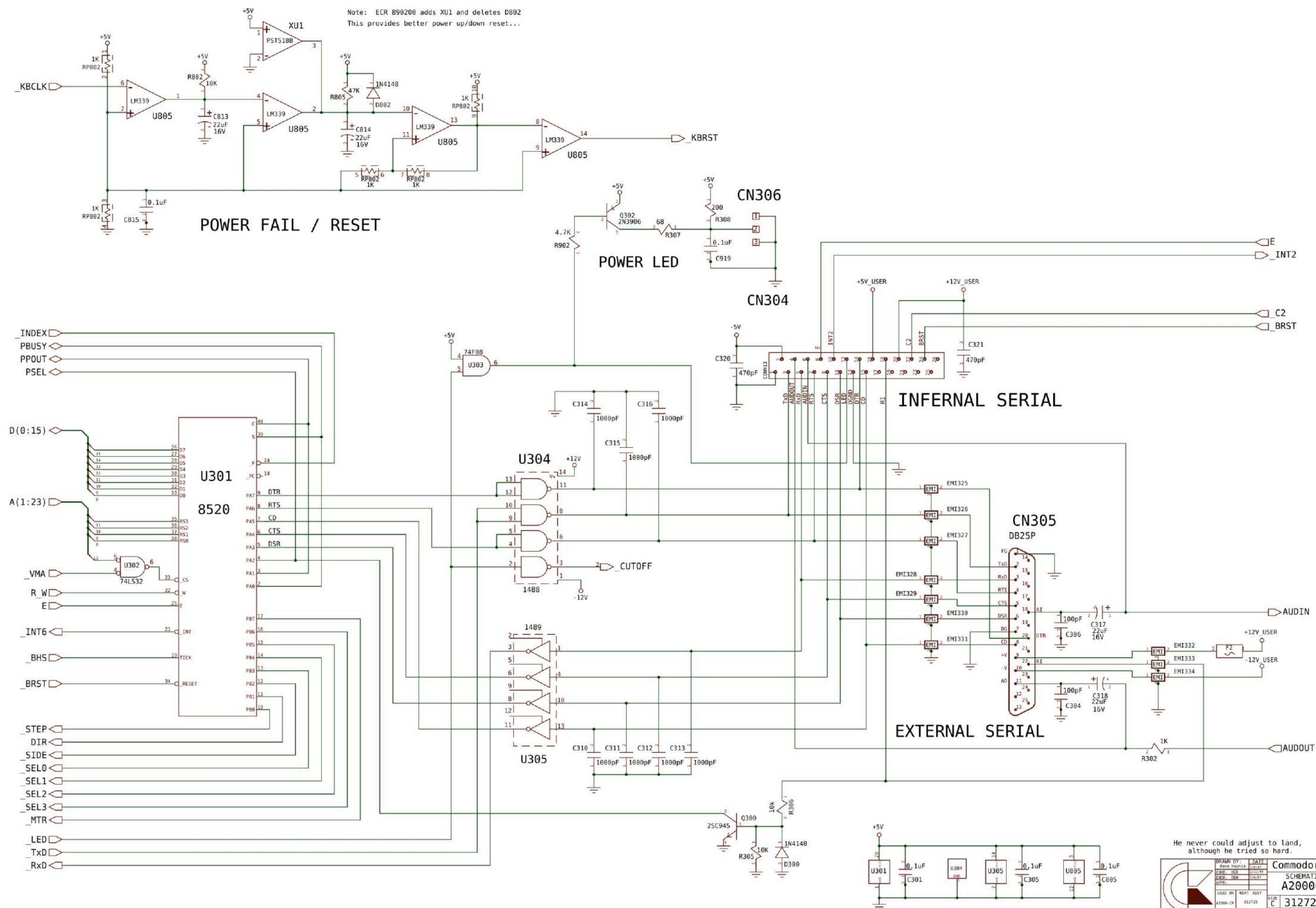
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	2	SEE COVER SHEET		



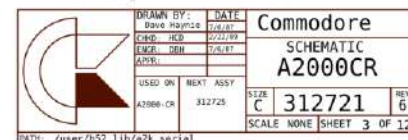
I'm pickin' up good vibrations...



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVE
	2	SEE COVER SHEET		

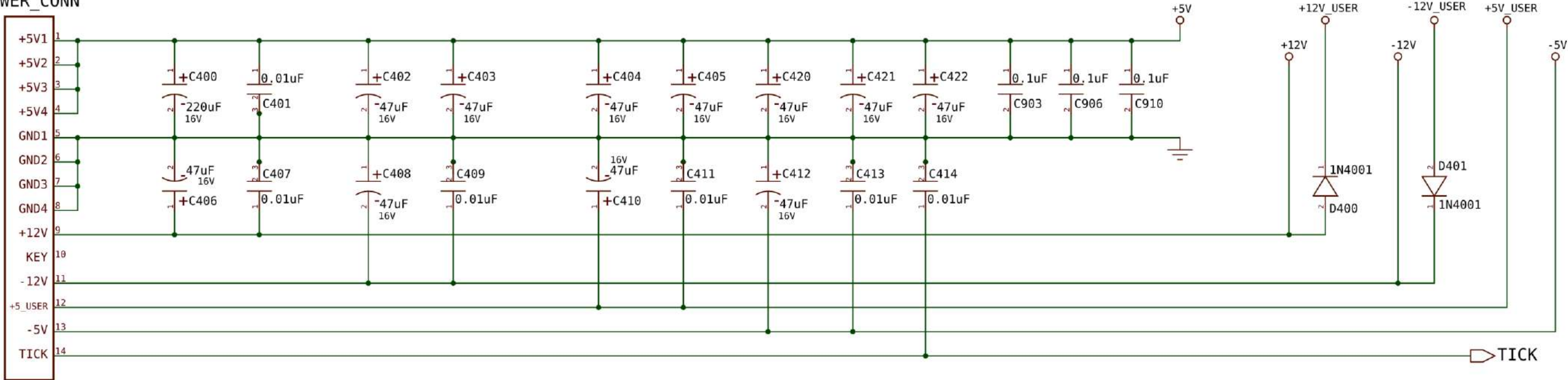


He never could adjust to land,
although he tried so hard.

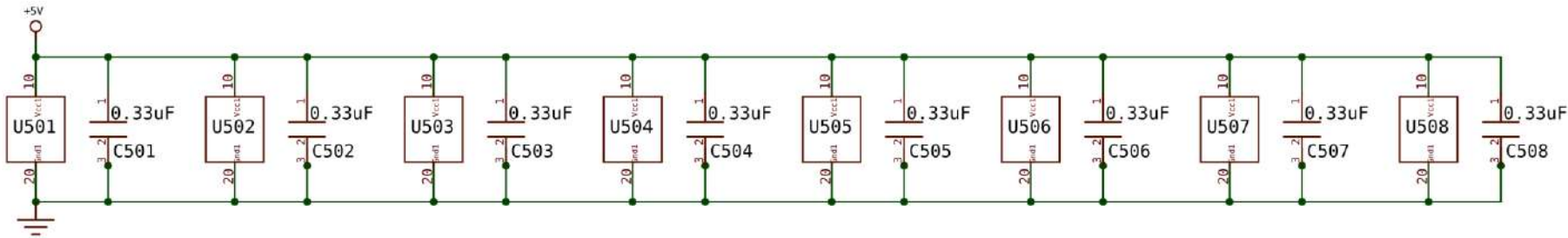
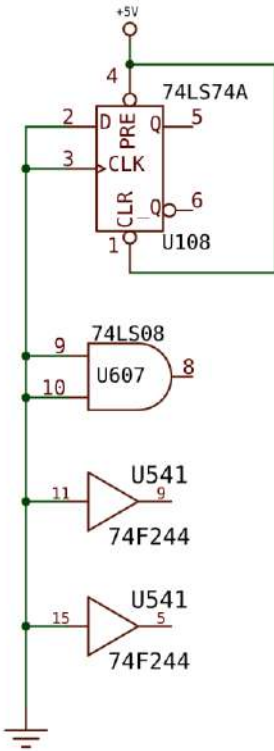


REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	2	SEE COVER SHEET		

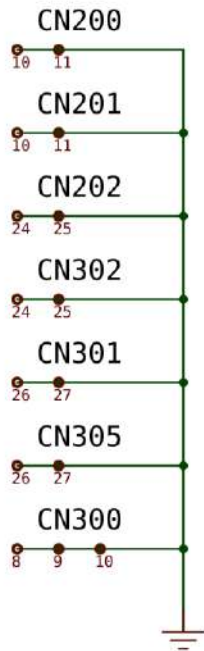
CN400
POWER_CONN



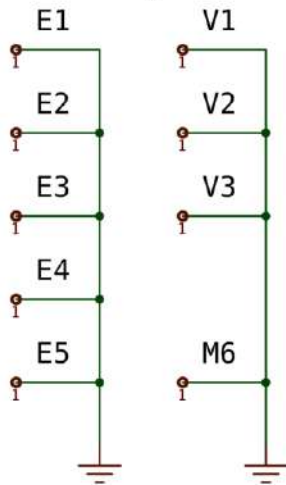
SPARES



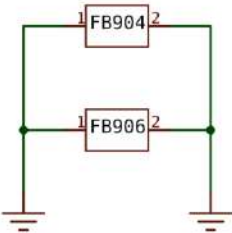
Connectors...



Mounting Holes...



Placebos...

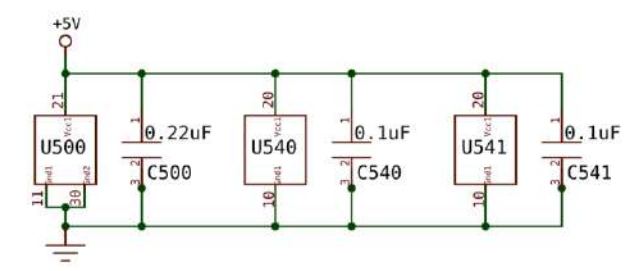
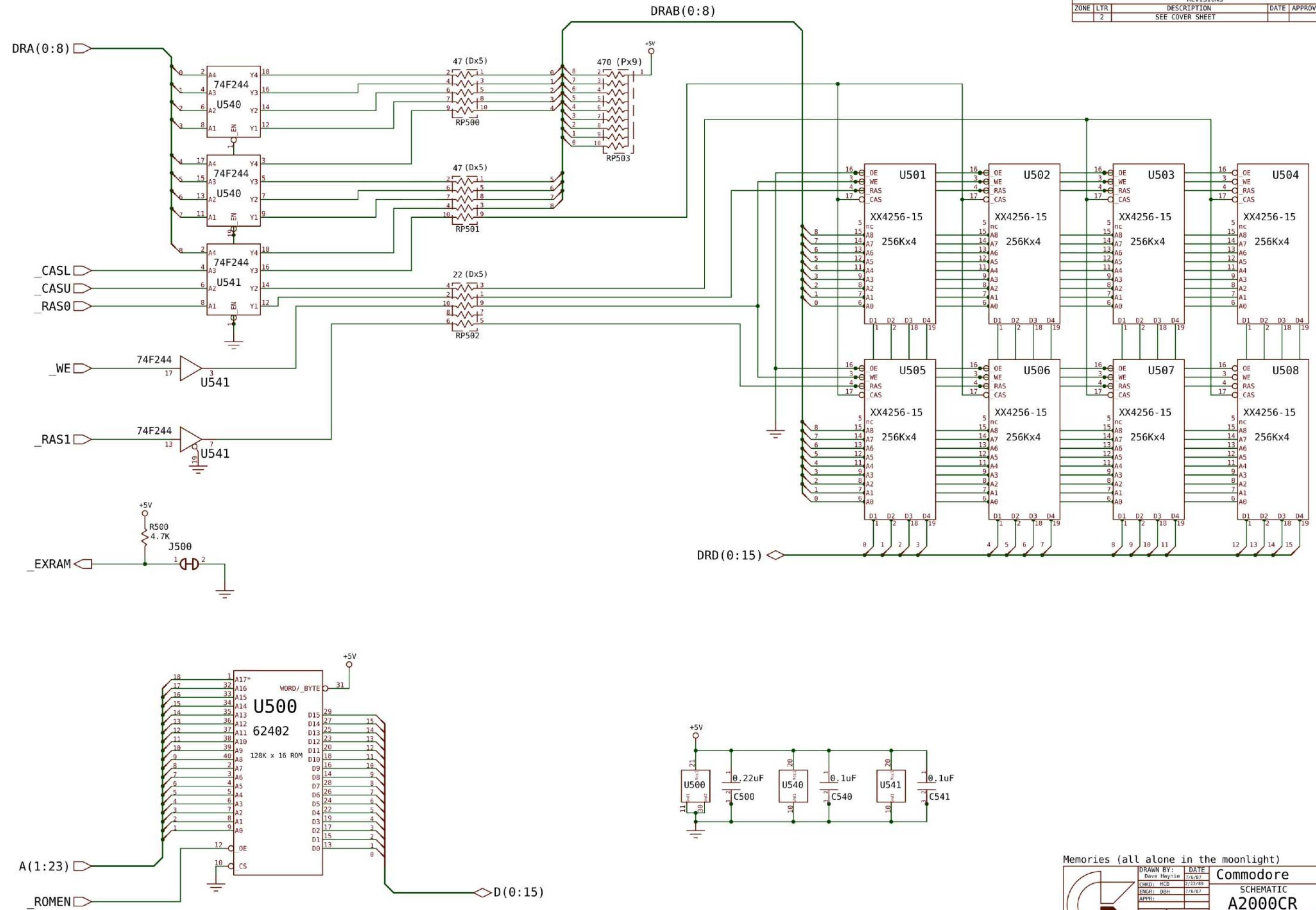


Baby, we were born to run...

	DRAWN BY:	DATE	Commodore SCHEMATIC A2000CR	
	Dave Haynie	7/2/87		
	CHKD: HCD	7/22/89		
	ENGR: DBH	7/3/87		
USED ON		NEXT ASSY	SIZE	REV
A2000-CR		312725	C	6
SCALE NONE			SHEET 4 OF 12	

PATH: /user/b52/lib/a2k/power

REVISTIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
2		SEE COVER SHEET		

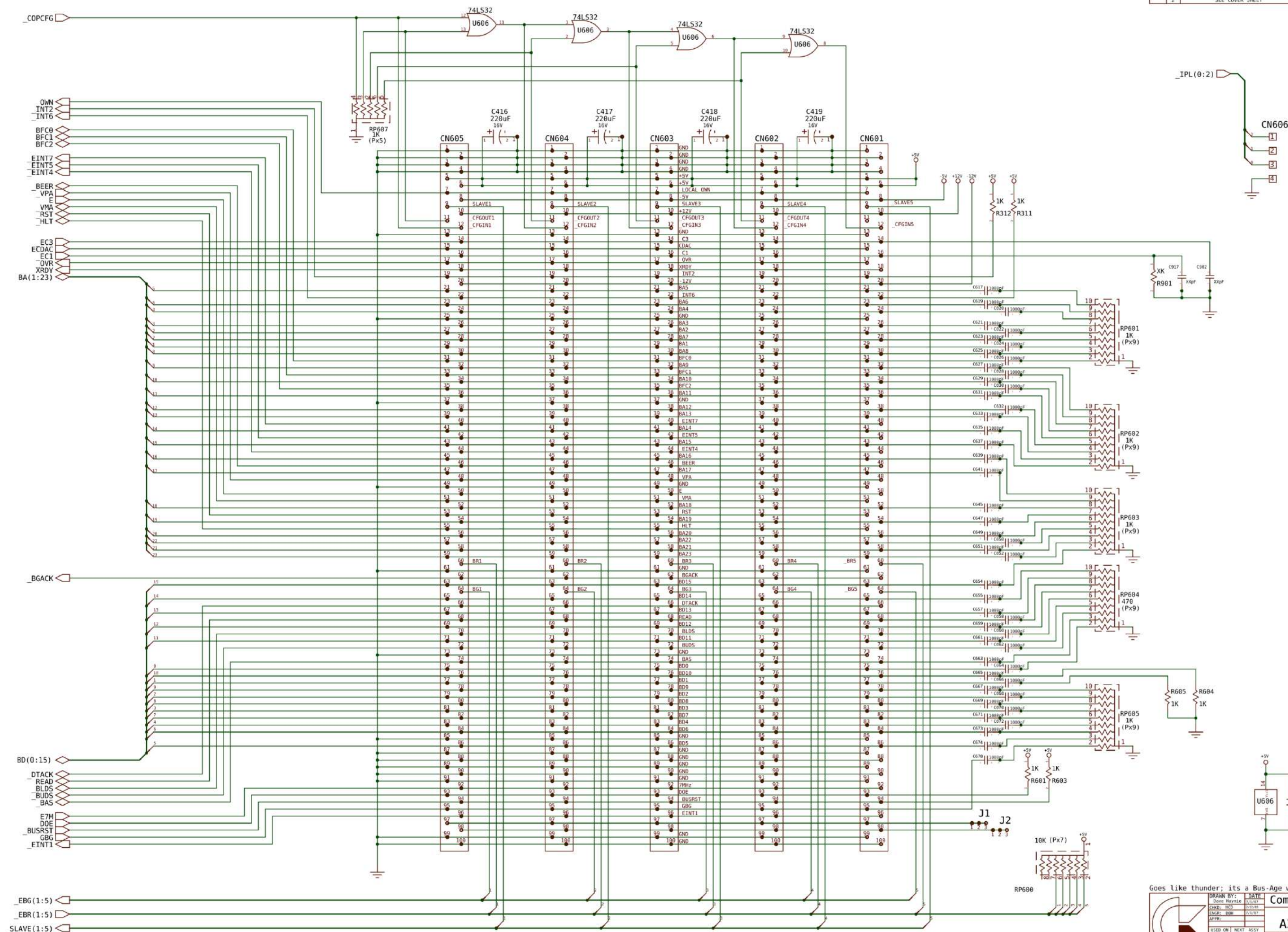


Memories (all alone in the moonlight)

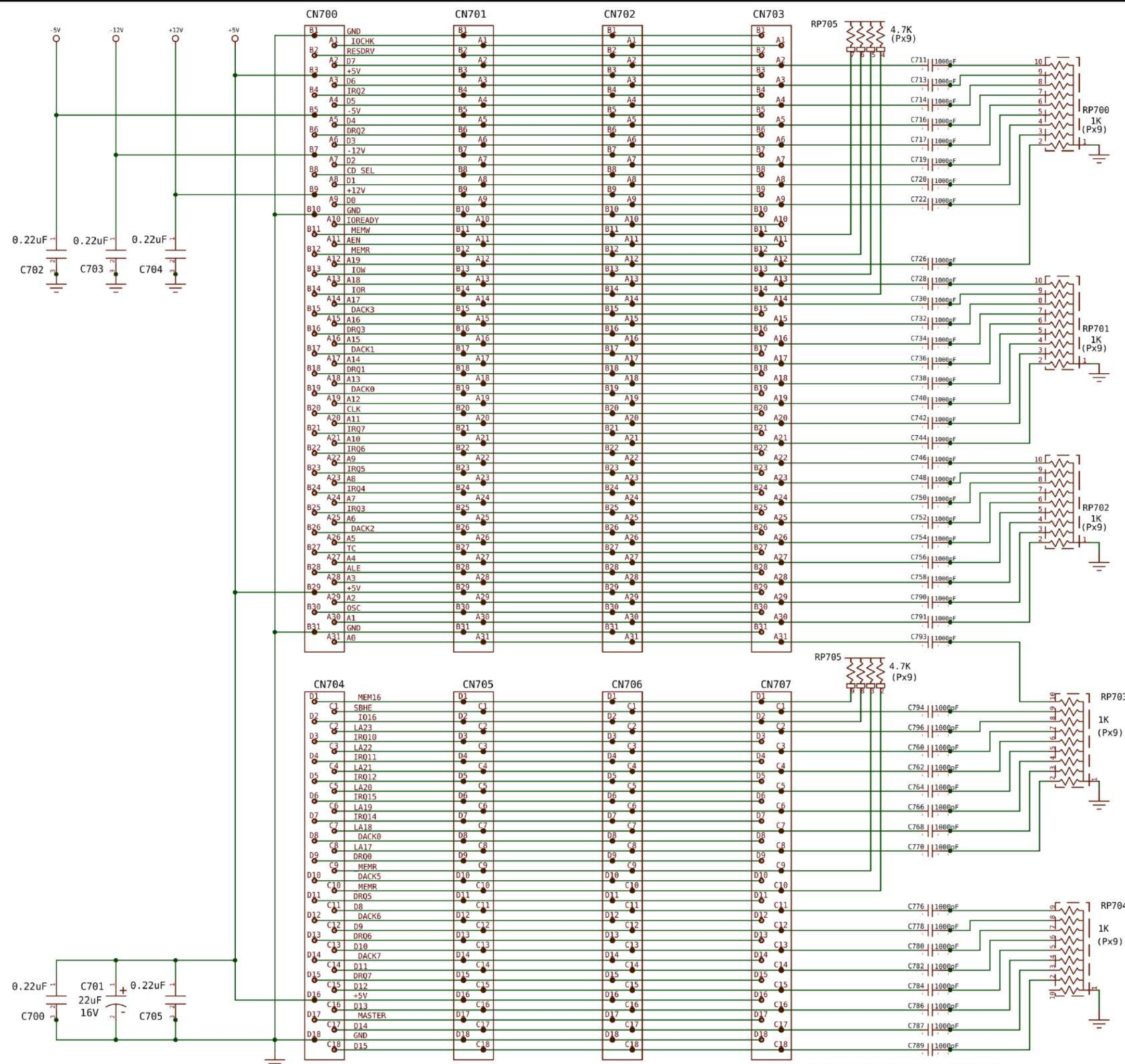
	DRAWN BY: Dave Haynie CHKD: HCD ENGR: DBH APPR:	DATE: 7/6/87 2/22/88 7/6/87	Commodore SCHEMATIC A2000CR
USED ON: A2000-CR NEXT: 312725	SIZE: C SCALE: NONE	312721 SHEET 5 OF 12	REV 6

PATH: /user/g52 lib/a2k memories

		DRAWN BY: Dave Raynne DATE: 7/1/87 CHECKED: HCD 5/27/88 DESIGNED: DBH 5/17/87 APPROVED:		Goes like thunder; it's a Bus-Age wonder! Commodore SCHEMATIC A2000CR	
USED ON: 42000-CR		NEXT ASSY: 312725		SIZE C 312721	
PATH: /user/RS2 13b/g2k/extension				SCALE: NONE SHEET 6 OF 1	



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
2		SEE COVER SHEET		



IBM 8 BIT EXPANSION BUS

IBM 16 BIT EXTENDED BUS

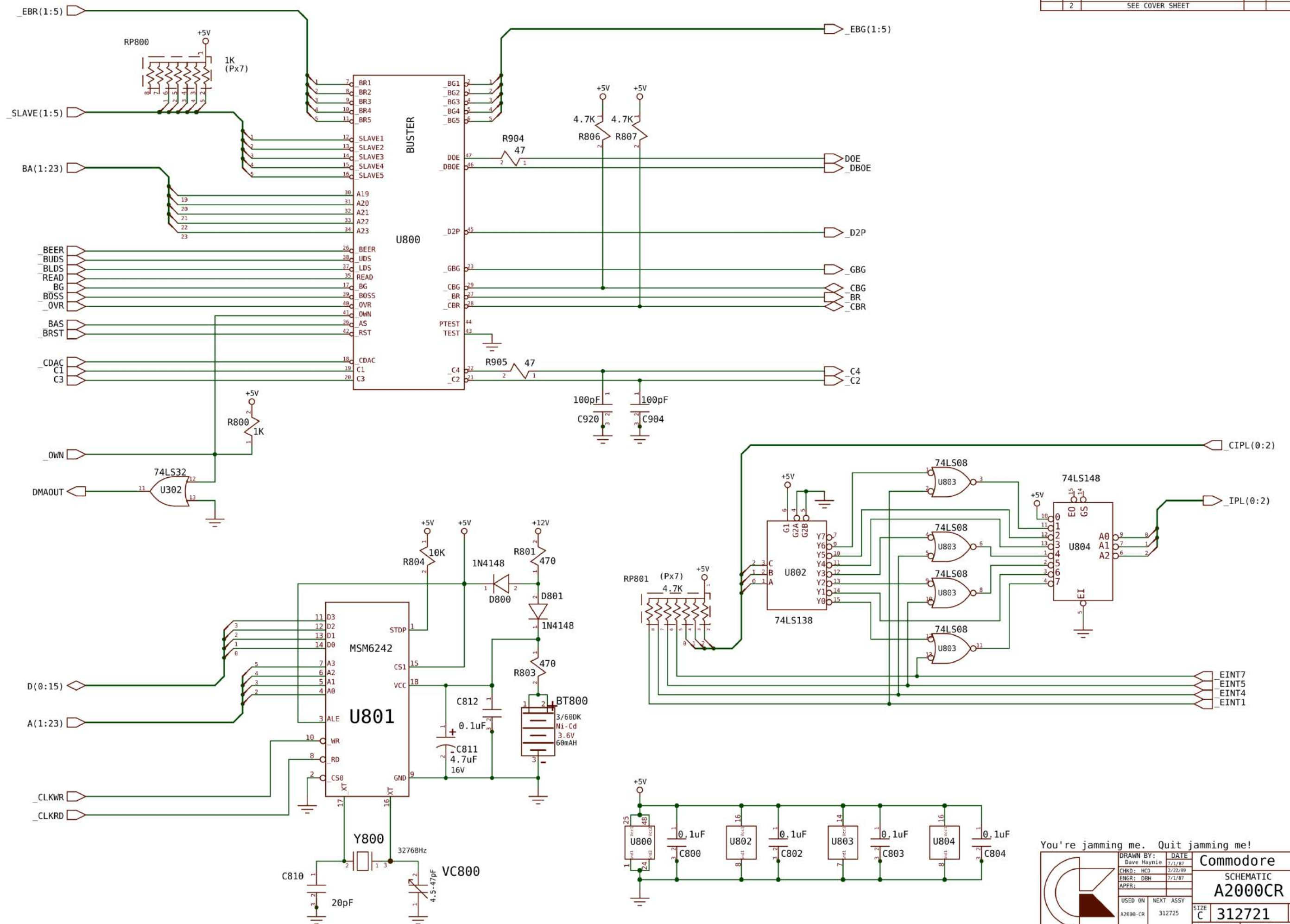
Note: Snafu on R6 PCB - C789 is mislabeled C788, and is connected to MASTER instead of D15

I wait in this place,
where the sun never shines

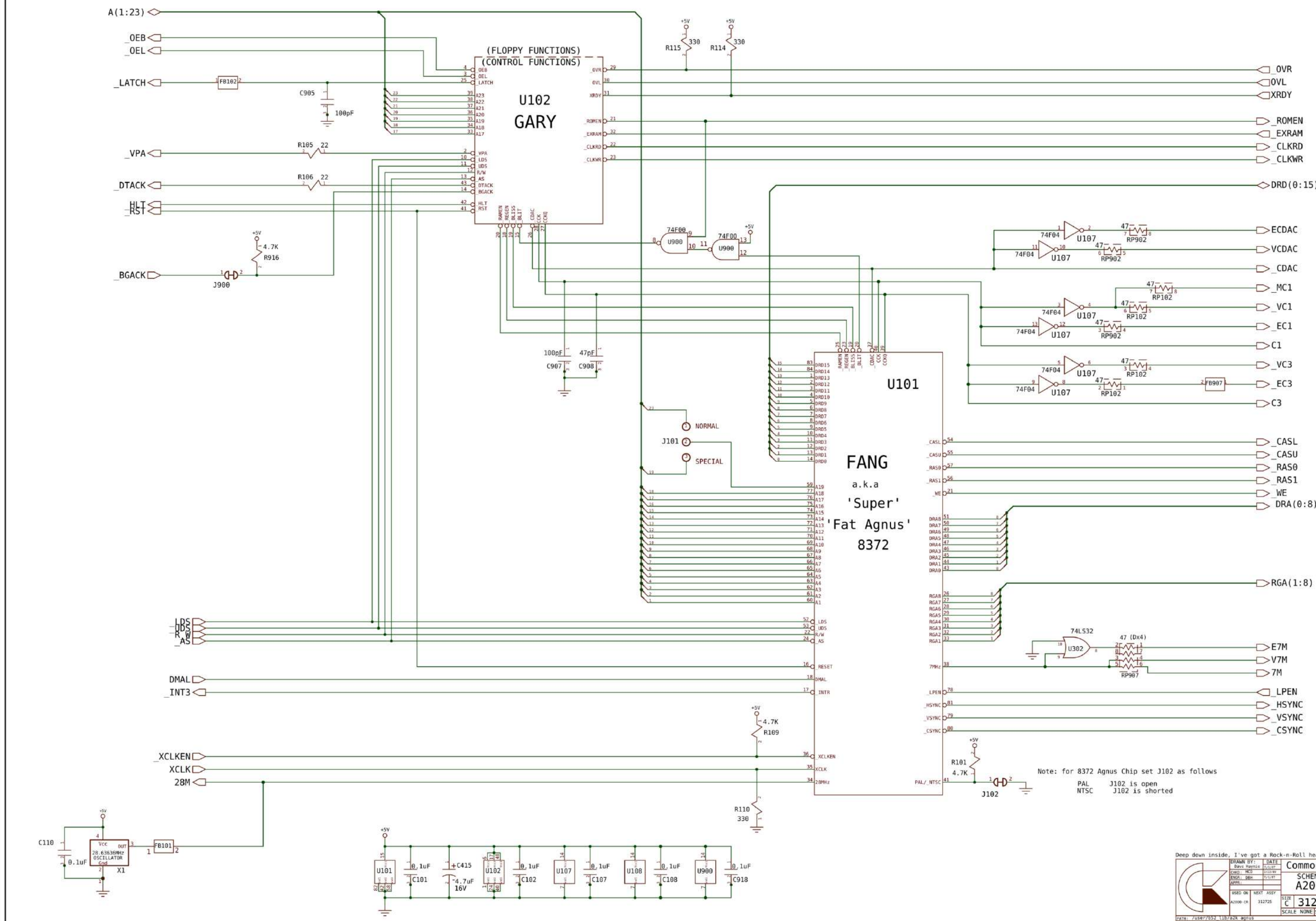
	DRAWN BY:	DATE	Commodore	
	CHKD: HCD	7/23/89	SCHEMATIC	
	ENGR: DBH	7/1/87	A2000CR	
	APPR:			
USED ON	NEXT ASSY	SIZE	REV	
A2000-CR	312725	C	6	
SCALE NONE			SHEET 7 OF 12	

PATH: /user/b52 lib/a2k ibm bus

	DRAWN BY: Dave Haynie		DATE 7/1/87		Commodore	
	CHKD: MCD		2/23/88			
	ENGR: DBM		7/1/87		SCHEMATIC A2000CR	
	APPR:					
	USED ON		NEXT ASSY			
A2000-CR		312725		SIZE C	312721	REV 6
PATH: /user/b52 lib/a2k exp logic				SCALE NONE	SHEET 8 OF 12	



REVISIONS			
ZONE	LTR	DESCRIPTION	DATE APPROVED
2		SEE COVER SHEET	

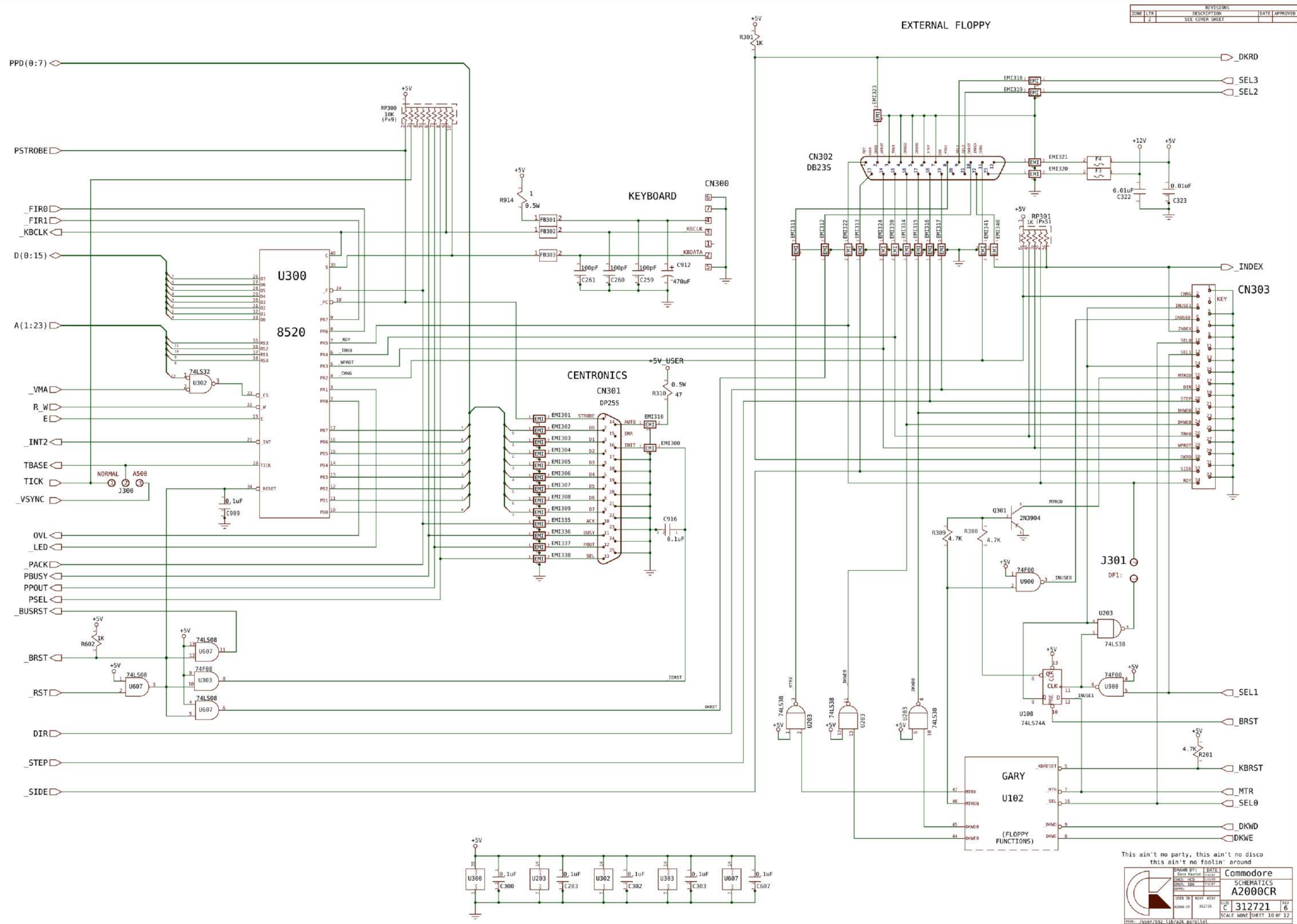


Deep down inside, I've got a Rock-n-Roll heart

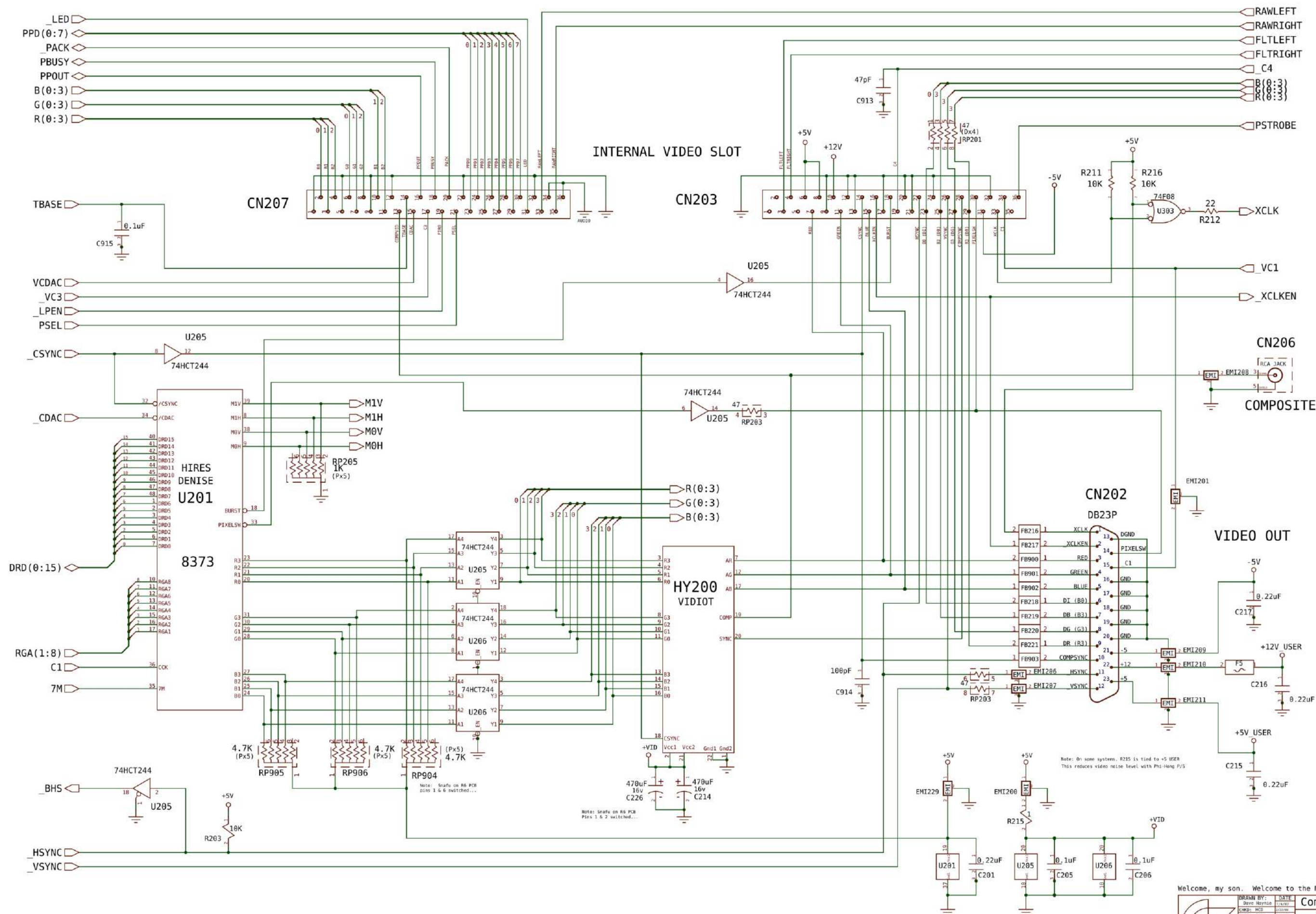
DRAWN BY: DATE B. H. H. 12/1/87 CHECKED: H. H. 12/1/87 ENGINEER: D. H. 12/1/87 APPROVED: 12/1/87	Comodore SCHEMATICS A2000CR SIZE: 312721 SCALE: NONE SHEET 9 OF 12
--	---

USED ON: NEXT ASSY: 312725

DATE: 12/1/87



REVISIONS				
ZONE	LYR	DESCRIPTION	DATE	APPROVED
2		SEE COVER SHEET		



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	2	SEE COVER SHEET		

A(1:23)

C0-PROCESSOR SLOT

BA(1:23)

V7M

28M

_C0PCFG

VC3

VCDAC

VC1

OVR

XRDY

INT2

B0SS

INT6

FC(0:2)

IPL(0:2)

BEER

VPA

E

VMA

RST

HLT

_CBR

_BGACK

_CBG

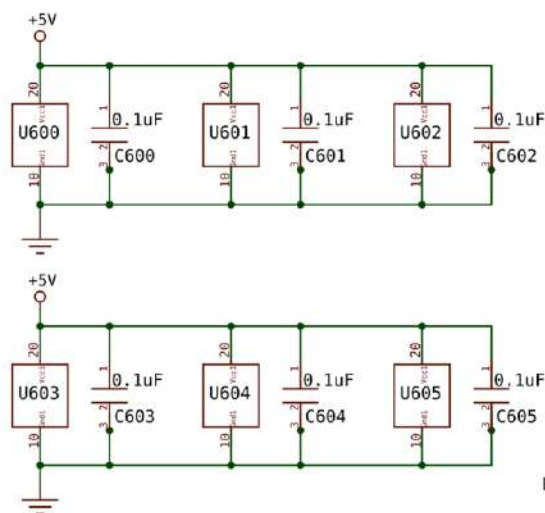
_DTACK

R.W

_LDS

_UDS

_AS



DMAOUT

CN600

+5V -5V +12V

74LS245

U600

74LS245

U601

74ALS245

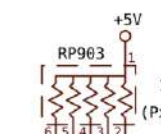
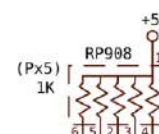
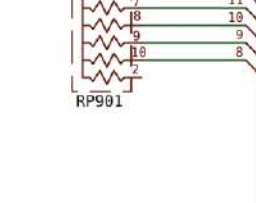
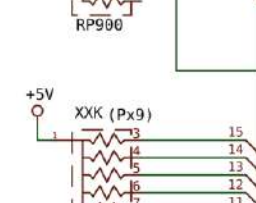
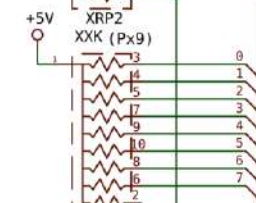
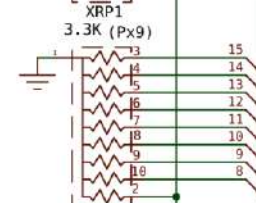
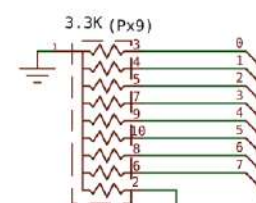
U602

74LS245

U603

74LS245

U604



74ALS245

U605

BAS
BUDS
BLDS
READ
BFC0
BFC1
BFC2

You can keep my things,
they've come to take me home

DRAWN BY:	DATE	Commodore SCHEMATICS A2000CR
ENGR: HCD	5/22/87	
ENGR: DBH	5/24/87	
APPR:		
USED ON	NEXT ASSY	SIZE
A2000-CR	312725	C
		SCALE
		NONE
		SHEET 12 OF 12

PATH: /user/US2 Lib/a2k cop slot