













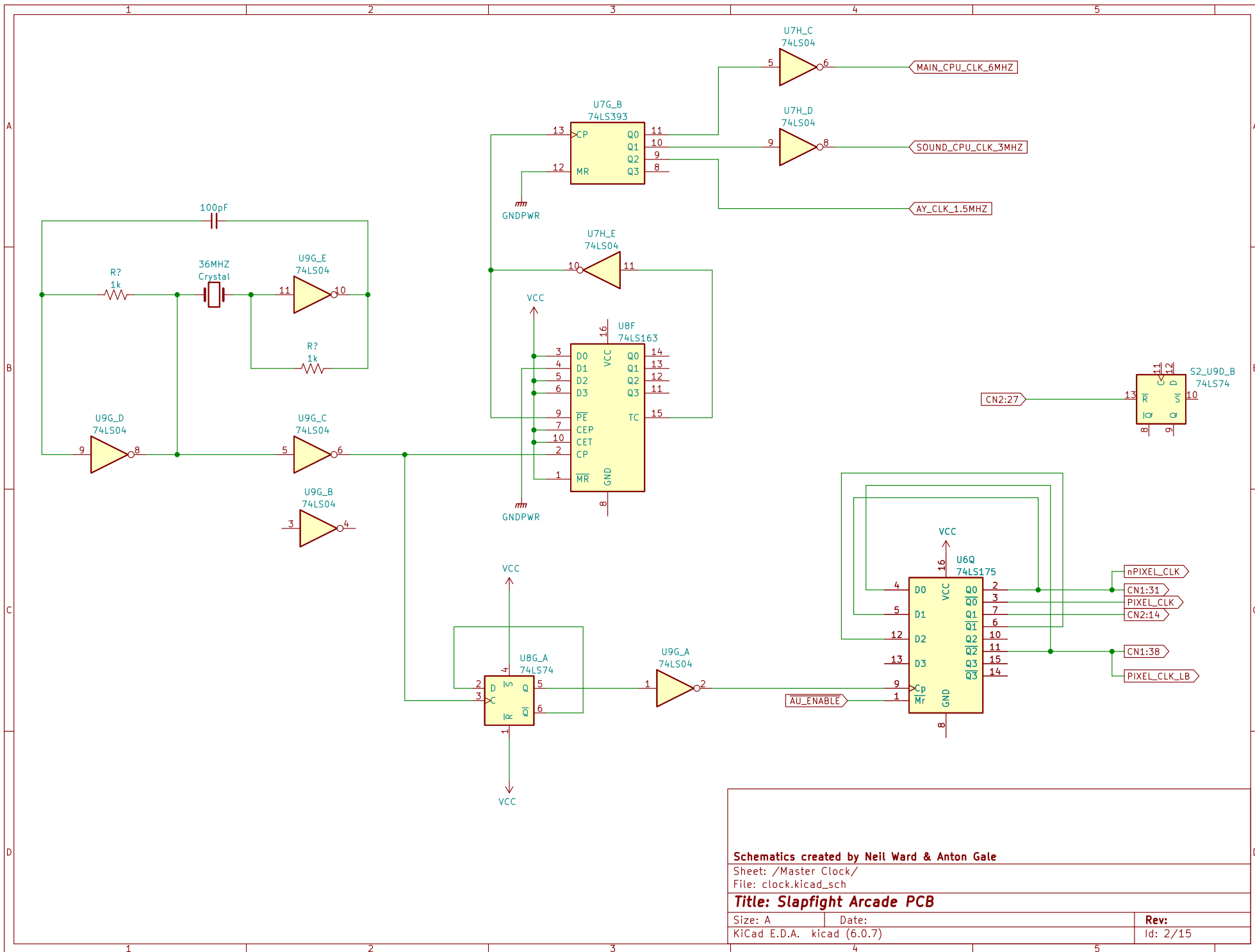


	1	2	3	4	5								
A	<p>Master Clock</p>  <p>File: clock.kicad_sch</p>	<p>Main CPU</p>  <p>File: CPUA.kicad_sch</p>	<p>Audio CPU</p>  <p>File: aucpu.kicad_sch</p>	<p>CPU Wait States</p>  <p>File: cpu_wait.kicad_sch</p>									
B	<p>Horizontal Pixel Counters</p>  <p>File: pixels.kicad_sch</p>	<p>Vertical Pixel Counters</p>  <p>File: vpixels.kicad_sch</p>	<p>Foreground Layer</p>  <p>File: foreground.kicad_sch</p>	<p>Background Layer</p>  <p>File: background.kicad_sch</p>									
C	<p>Sprite RAM</p>  <p>File: SpriteRAM.kicad_sch</p>	<p>Sprite ROM</p>  <p>File: SpriteROM.kicad_sch</p>	<p>Sprite Addressing</p>  <p>File: spradd.kicad_sch</p>	<p>Sprite Line Buffer</p>  <p>File: spLinebuff.kicad_sch</p>									
D	<p>Video Output</p>  <p>File: video_out.kicad_sch</p>	<p>Connectors</p>  <p>File: Connectors.kicad_sch</p>	<p>Schematics created by Neil Ward & Anton Gale</p> <p>Sheet: /</p> <p>File: SlapFight.kicad_sch</p> <p>Title: Slapfight Arcade PCB</p> <table border="1"> <tr> <td>Size: A</td> <td>Date:</td> <td>Rev:</td> </tr> <tr> <td>KiCad E.D.A. kicad (6.0.7)</td> <td></td> <td>Id: 1/15</td> </tr> </table>			Size: A	Date:	Rev:	KiCad E.D.A. kicad (6.0.7)		Id: 1/15		
Size: A	Date:	Rev:											
KiCad E.D.A. kicad (6.0.7)		Id: 1/15											
	1	2	3	4	5								



Schematics created by Neil Ward & Anton Gale

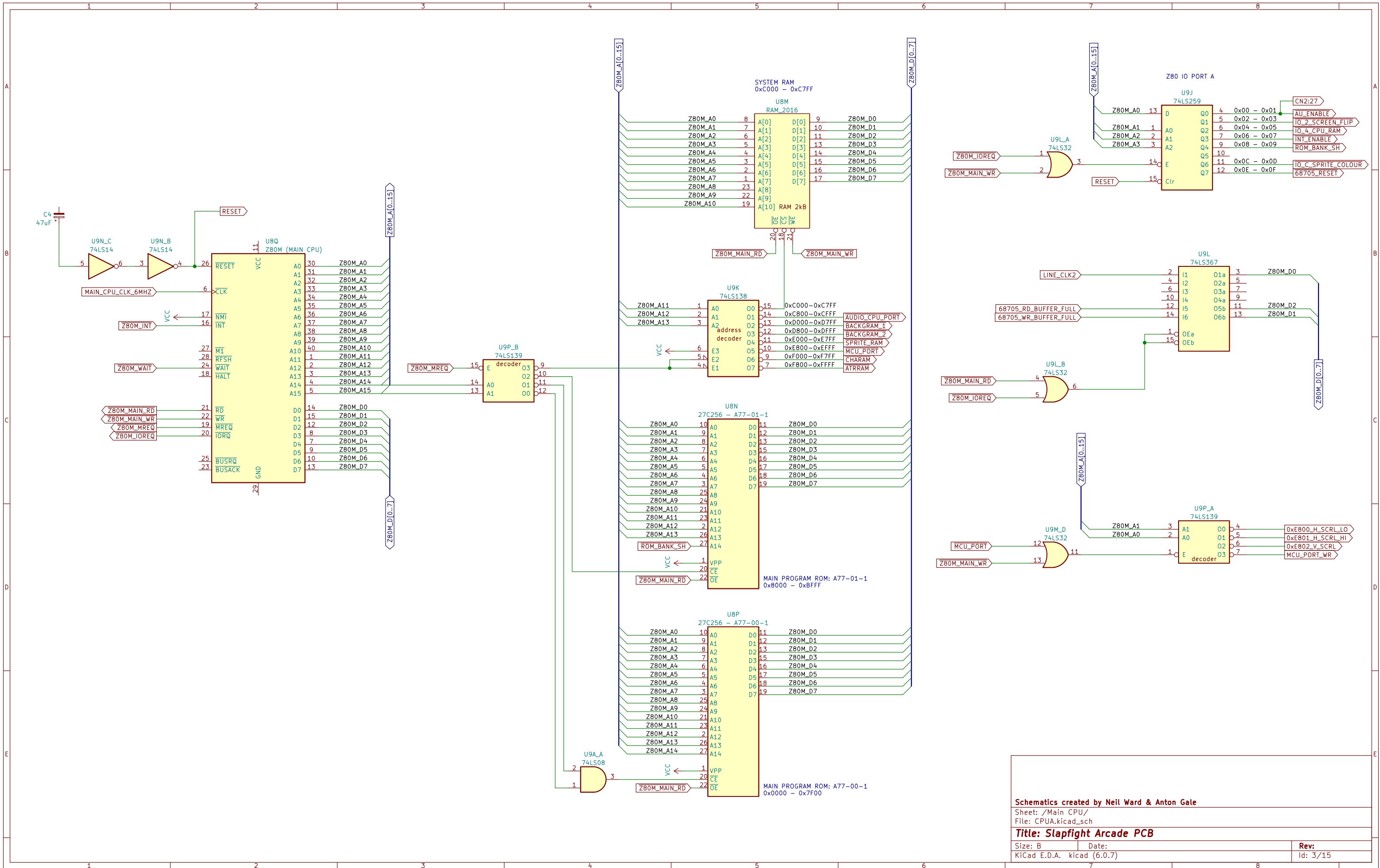
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File: clock.kicad_sch

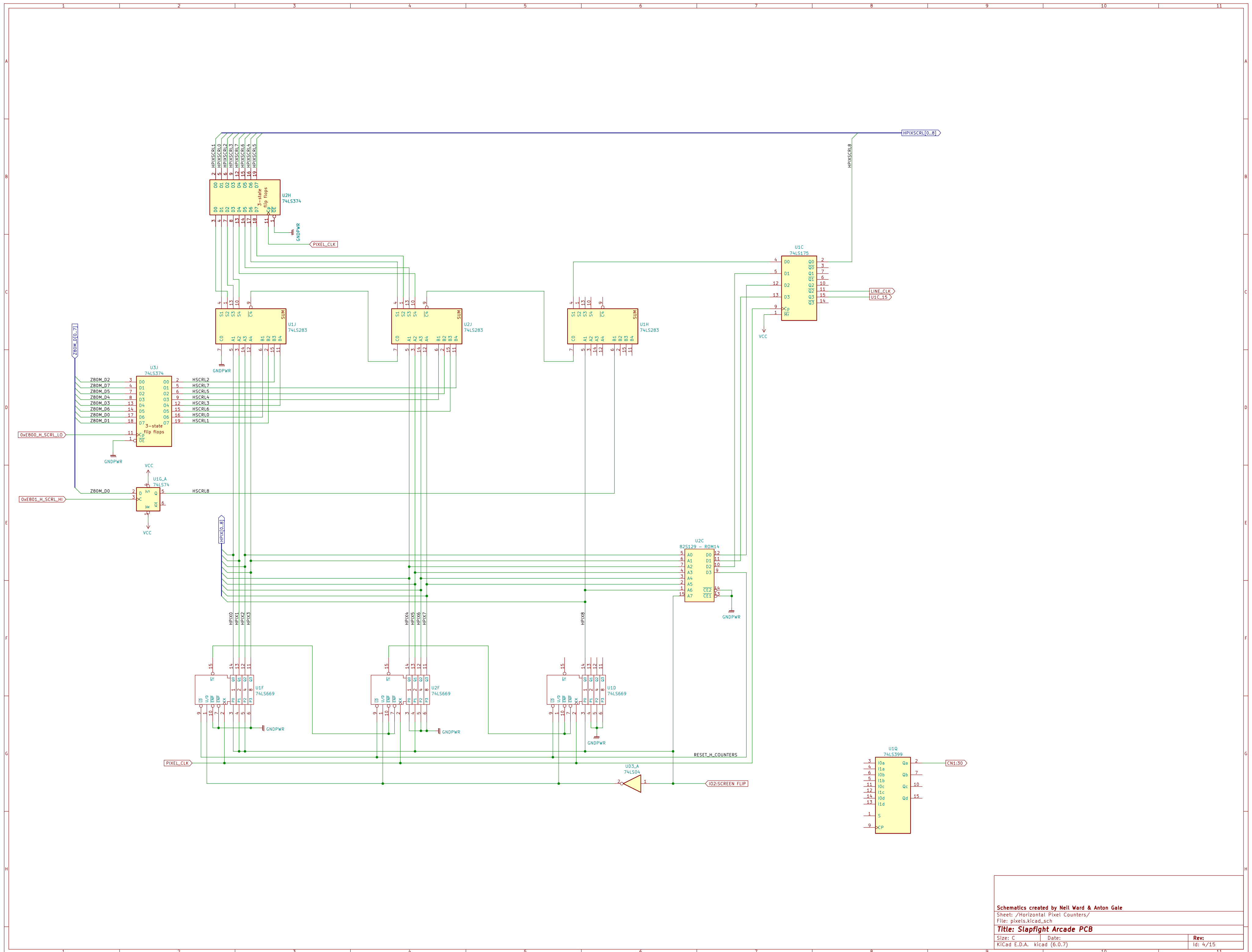
Title: Slapfight Arcade PCB

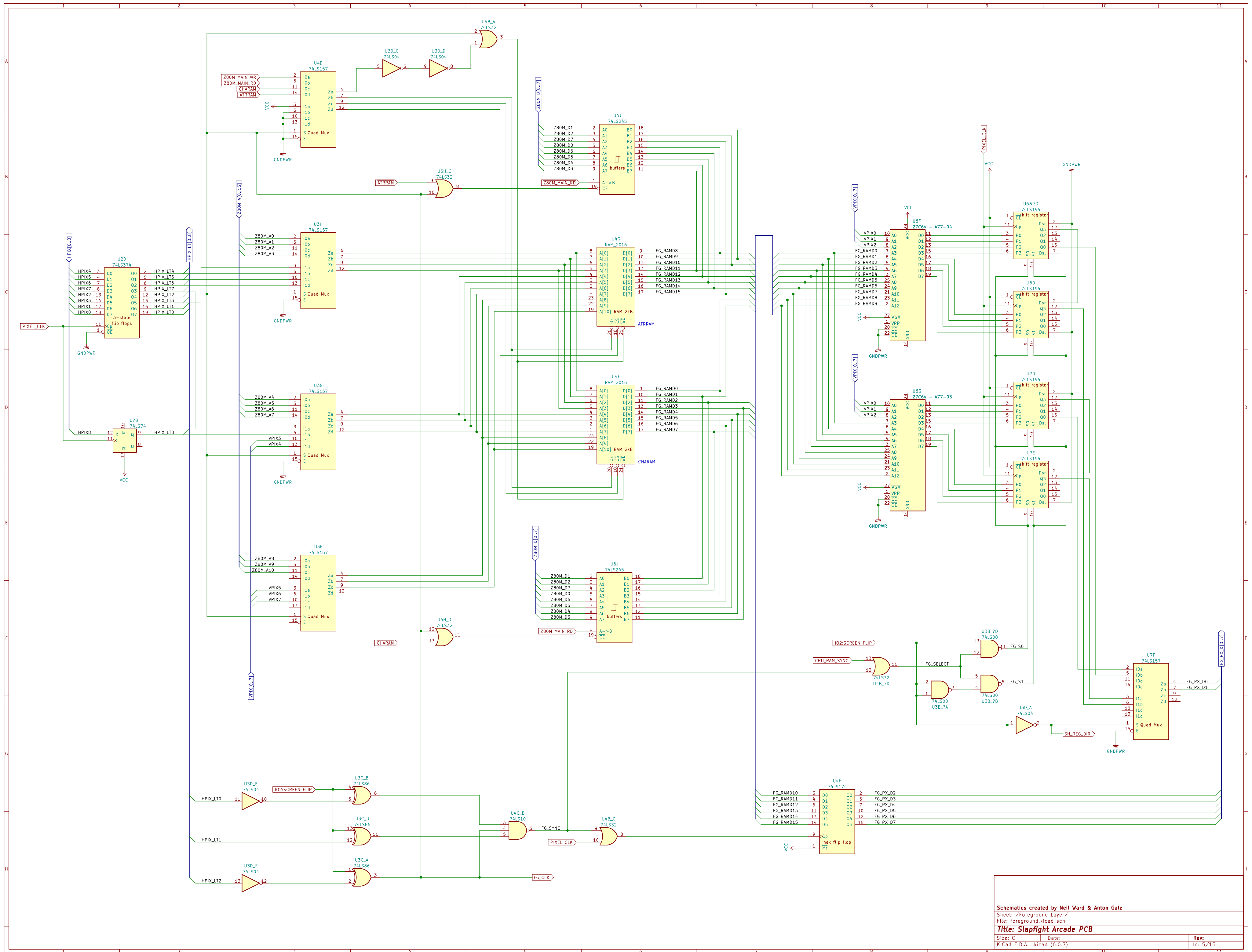
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KiCad E.D.A. kicad (6.0.7)

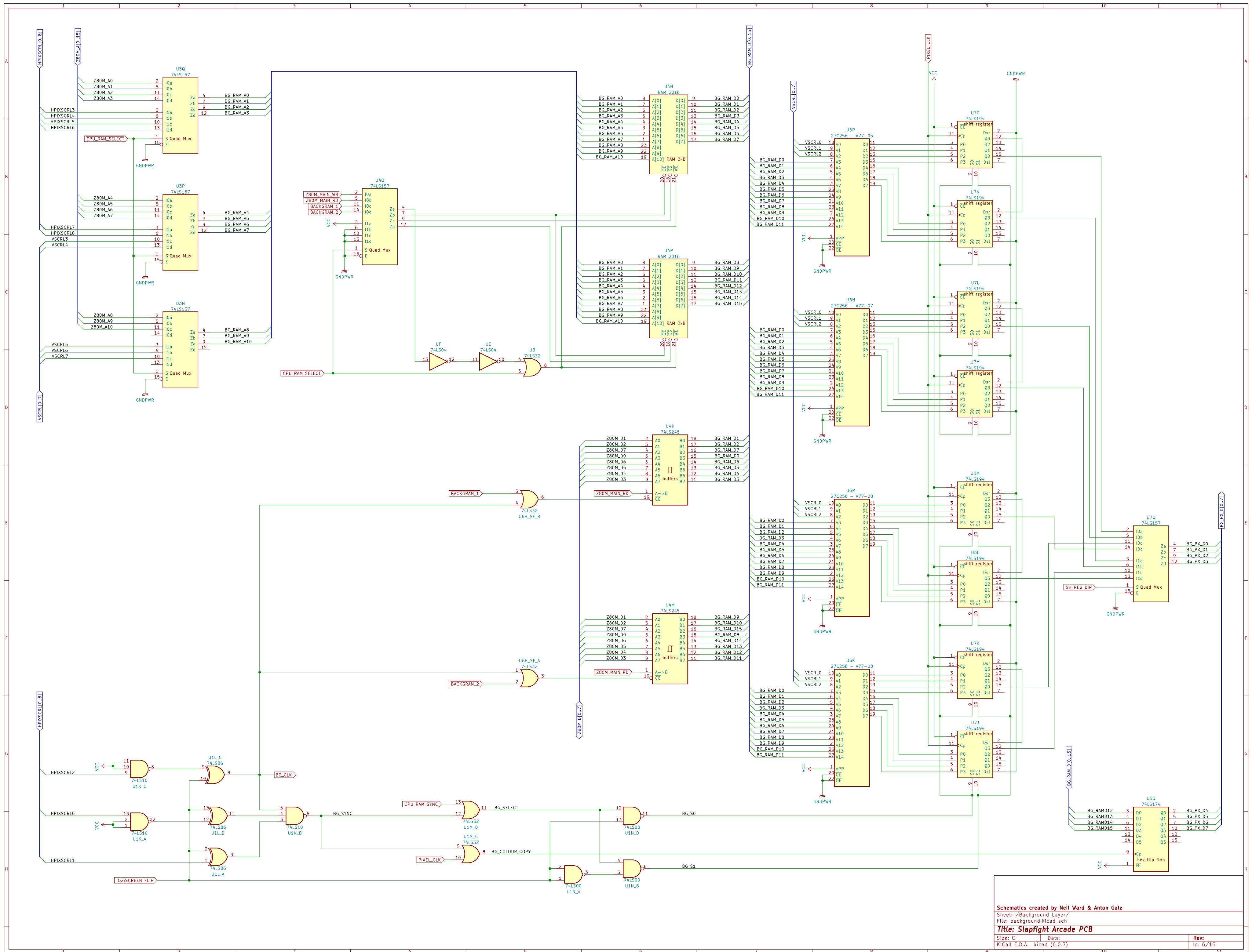
Rev:
Id: 2/15

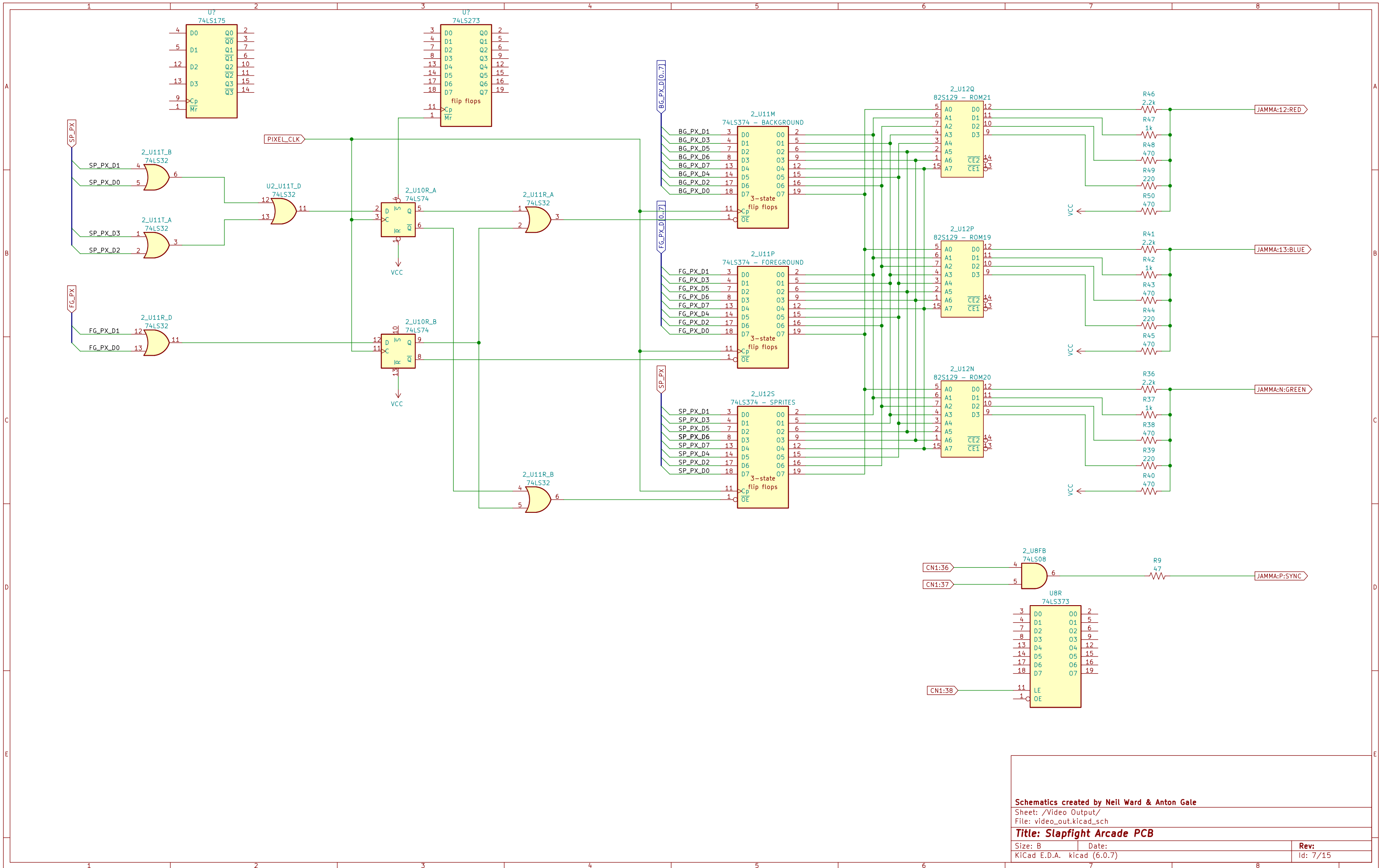


Schematics created by Neil Ward & Anton Gale
 Sheet: /Main CPU/
 File: CPUA.kicad_sch
Title: Slapfight Arcade PCB
 Size: B Date: Rev:
 KiCad E.D.A. kicad (6.0.7) Id: 3/15



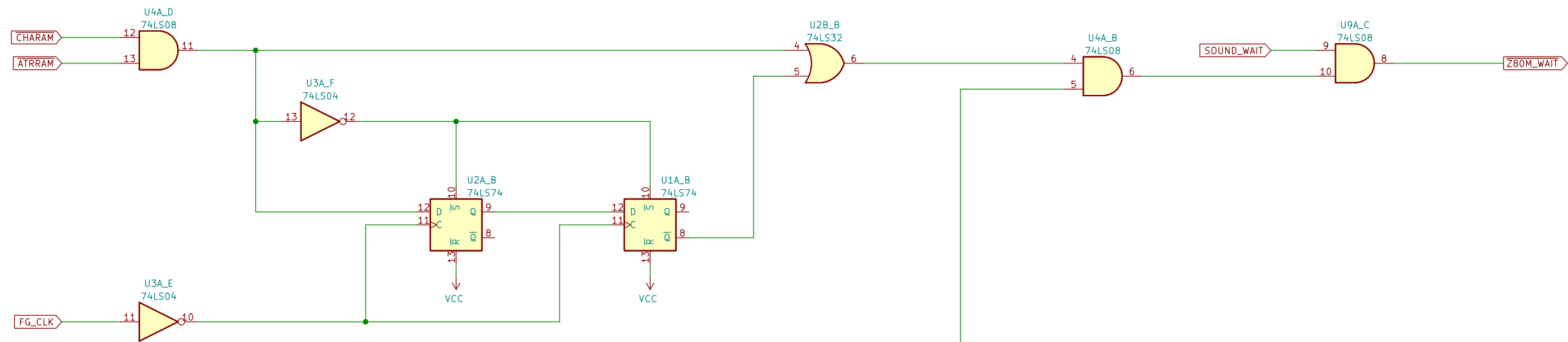




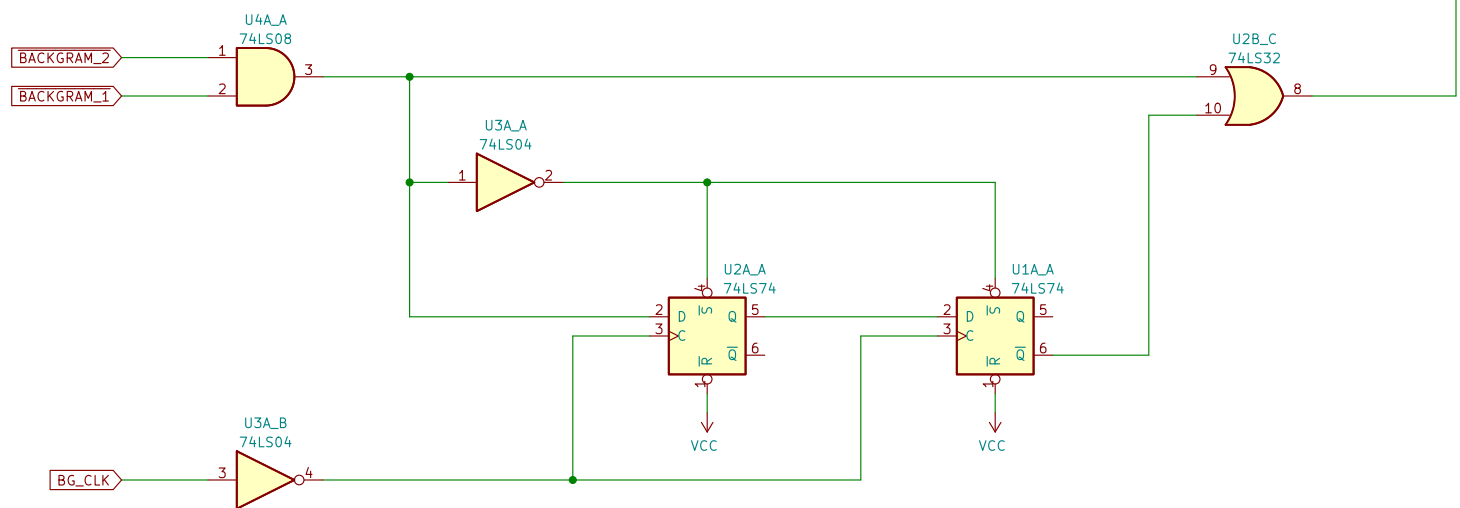


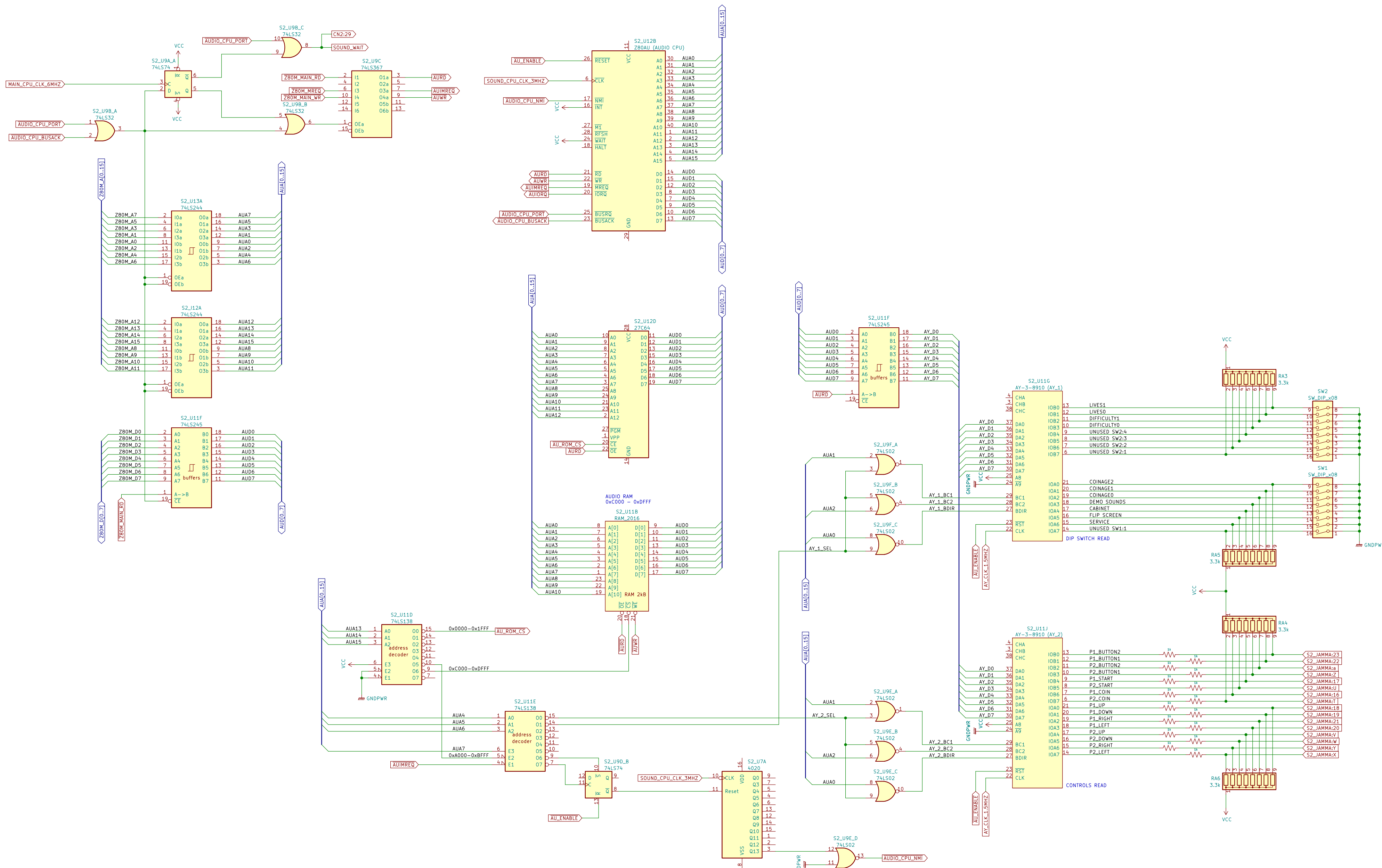
Schematics created by Neil Ward & Anton Gale
 Sheet: /Video Output/
 File: video_out.kicad_sch
Title: Slapfight Arcade PCB
 Size: B Date:
 KiCad E.D.A. kicad (6.0.7) **Rev:**
 Id: 7/15

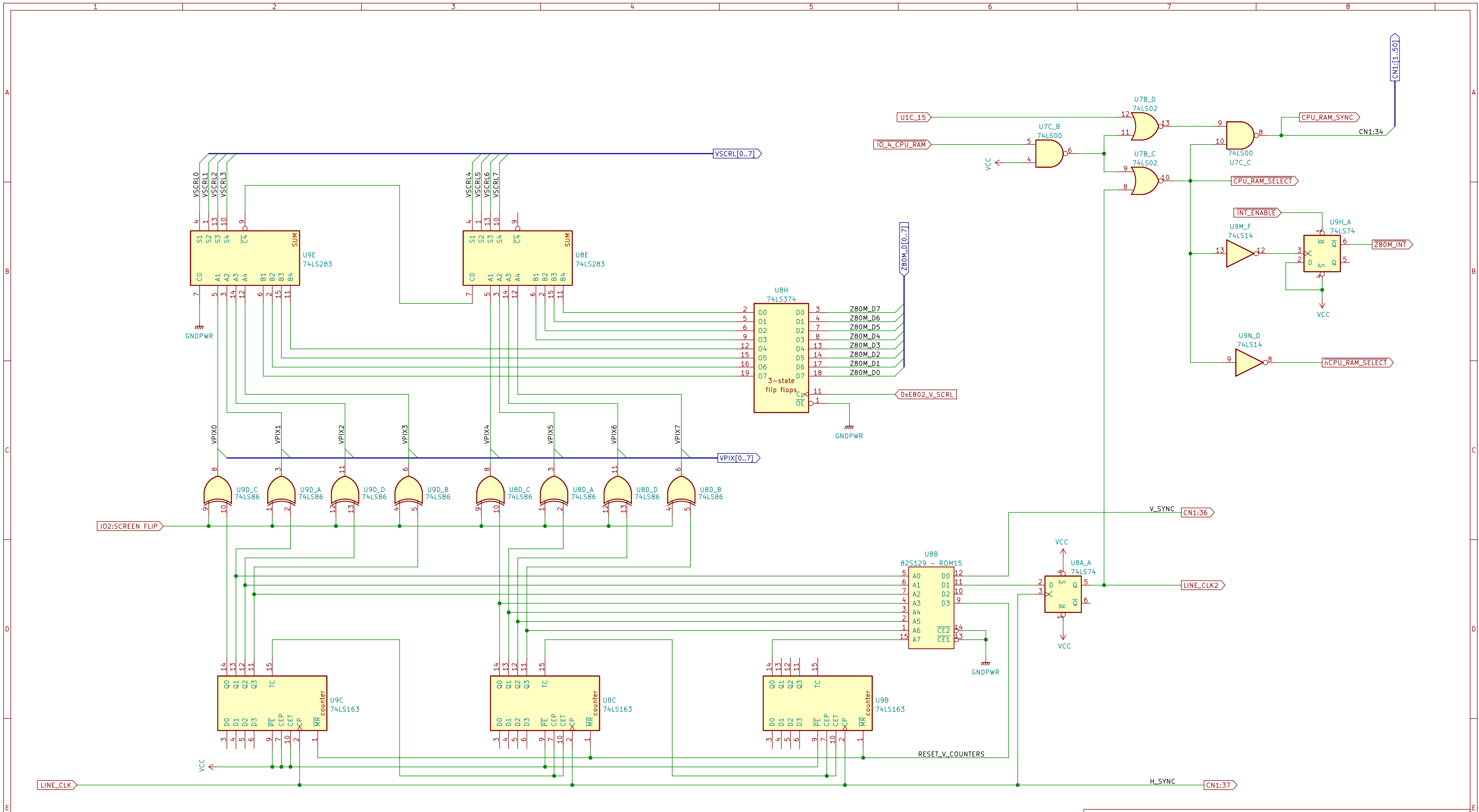
FOREGROUND LAYER RAM ACCESS WAIT STATES



BACKGROUND LAYER RAM ACCESS WAIT STATES







S2_JAMMA

JAMMA CONN

1	GND	GND	A
2	VSSA	GND	B
3	VDDA	+5V	C
4	+5V	+5V	D
5	-5V	-5V	E
6	+12V	+12V	F
8	COIN_CNT_1	COIN_CNT_2	J
9	NC	NC	K
10	SPEAKER_(+)	SPEAKER_(-)	L
11	NC	NC	M
12	RED	GREEN	N
13	BLUE	SYNC	P
14	VIDEO_GND	SERVICE	R
15	NC	NC	S
16	COIN_1	COIN_2	T
17	1P_START	2P_START	U
18	1P_UP	2P_UP	V
19	1P_DOWN	2P_DOWN	W
20	1P_LEFT	2P_LEFT	X
21	1P_RIGHT	2P_RIGHT	Y
22	1P_BTN_1	2P_BTN_1	Z
23	1P_BTN_2	2P_BTN_2	a
24	1P_BTN_3	2P_BTN_3	b
25	1P_BTN_4	2P_BTN_4	c
26	1P_SELECT	2P_SELECT	d
27	GND	GND	e
28	GND	GND	f

Schematics created by Neil Ward & Anton Gale

Sheet: /Connectors/

File: Connectors.kicad_sch

Title: Slapfight Arcade PCB

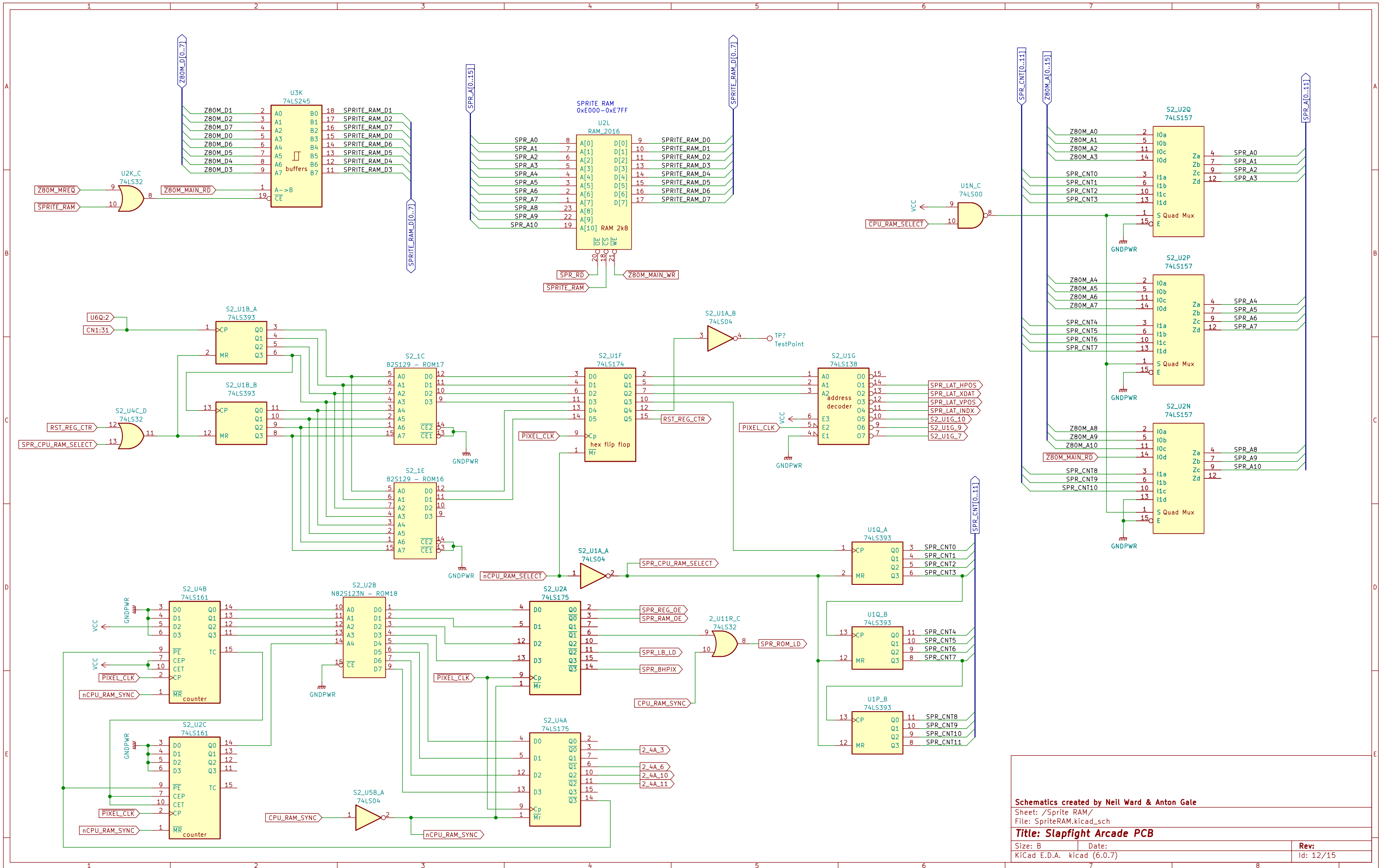
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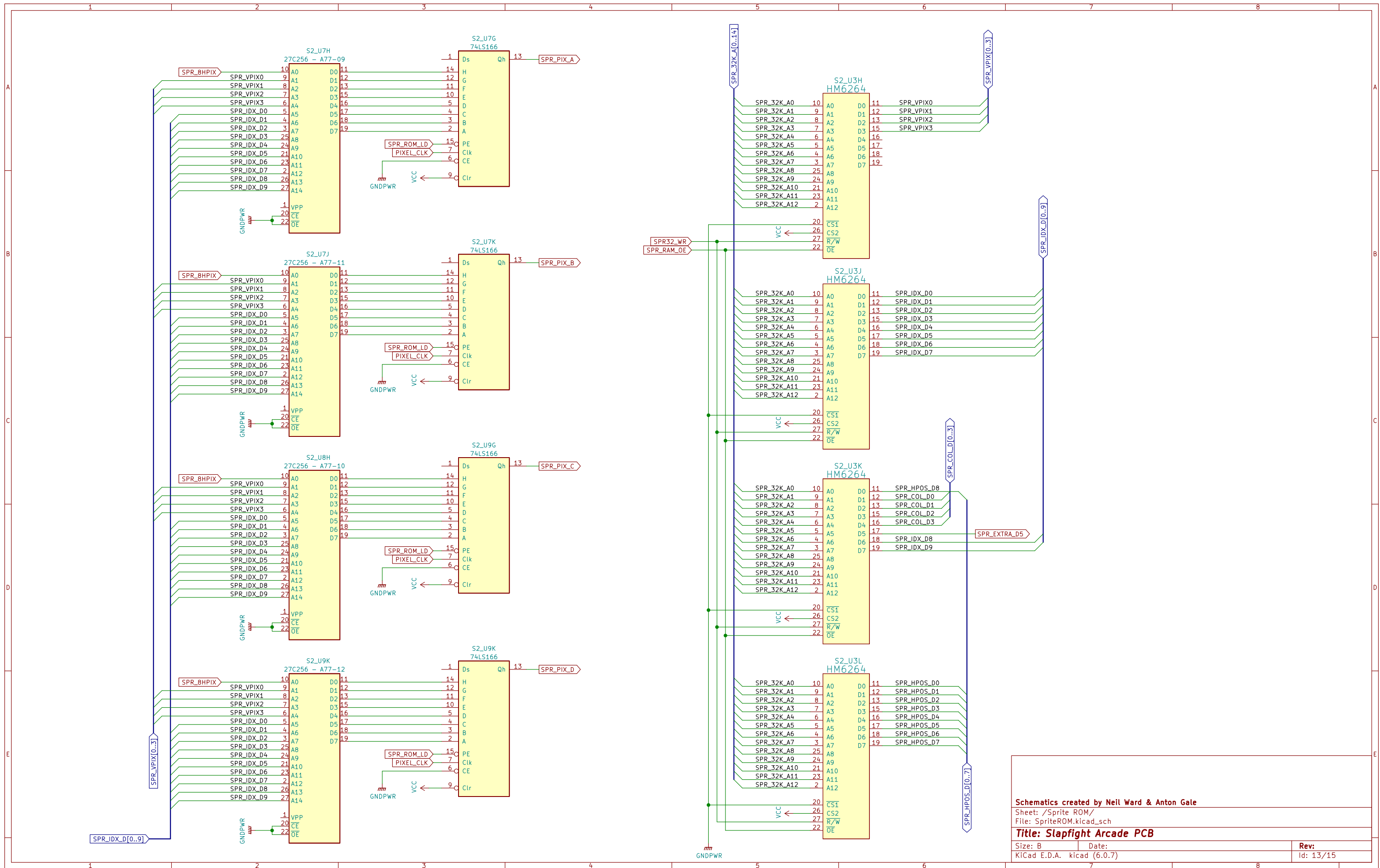
Rev:

KiCad E.D.A. kicad (6.0.7)

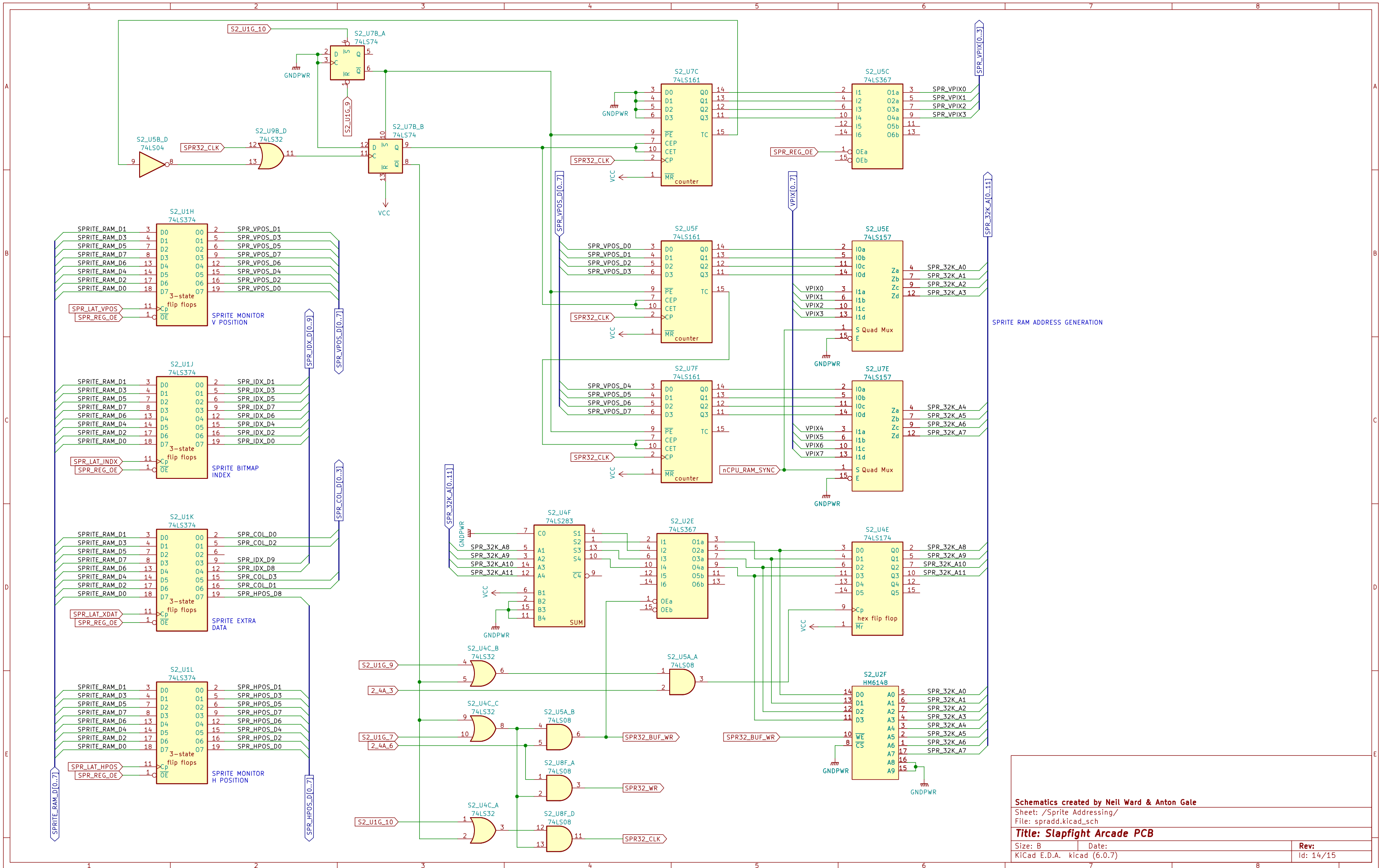
Id: 11/15



Schematics created by Neil Ward & Anton Gale
 Sheet: /Sprite RAM/
 File: SpriteRAM.kicad_sch
Title: Slapfight Arcade PCB
 Size: B Date:
 KiCad E.D.A. kicad (6.0.7) Rev:
 Id: 12/15



Schematics created by Neil Ward & Anton Gale
 Sheet: /Sprite ROM/
 File: SpriteROM.kicad_sch
Title: Slapfight Arcade PCB
 Size: B Date: Rev:
 KiCad E.D.A. kicad (6.0.7) Id: 13/15



Schematics created by Neil Ward & Anton Gale
 Sheet: /Sprite Addressing/
 File: spradd.kicad_sch
Title: Slapfight Arcade PCB
 Size: B Date:
 KiCad E.D.A. kicad (6.0.7) Rev: Id: 14/15

