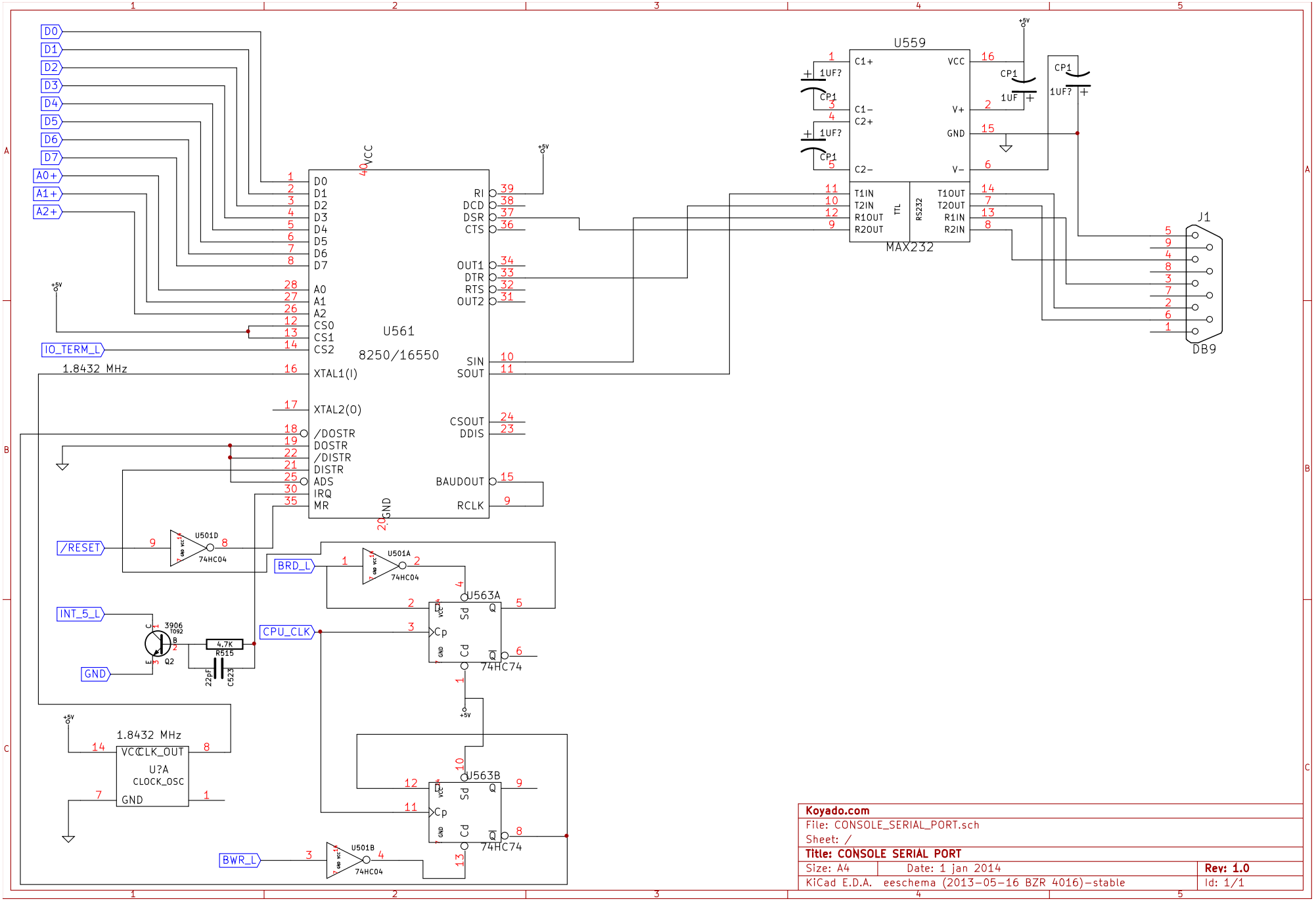
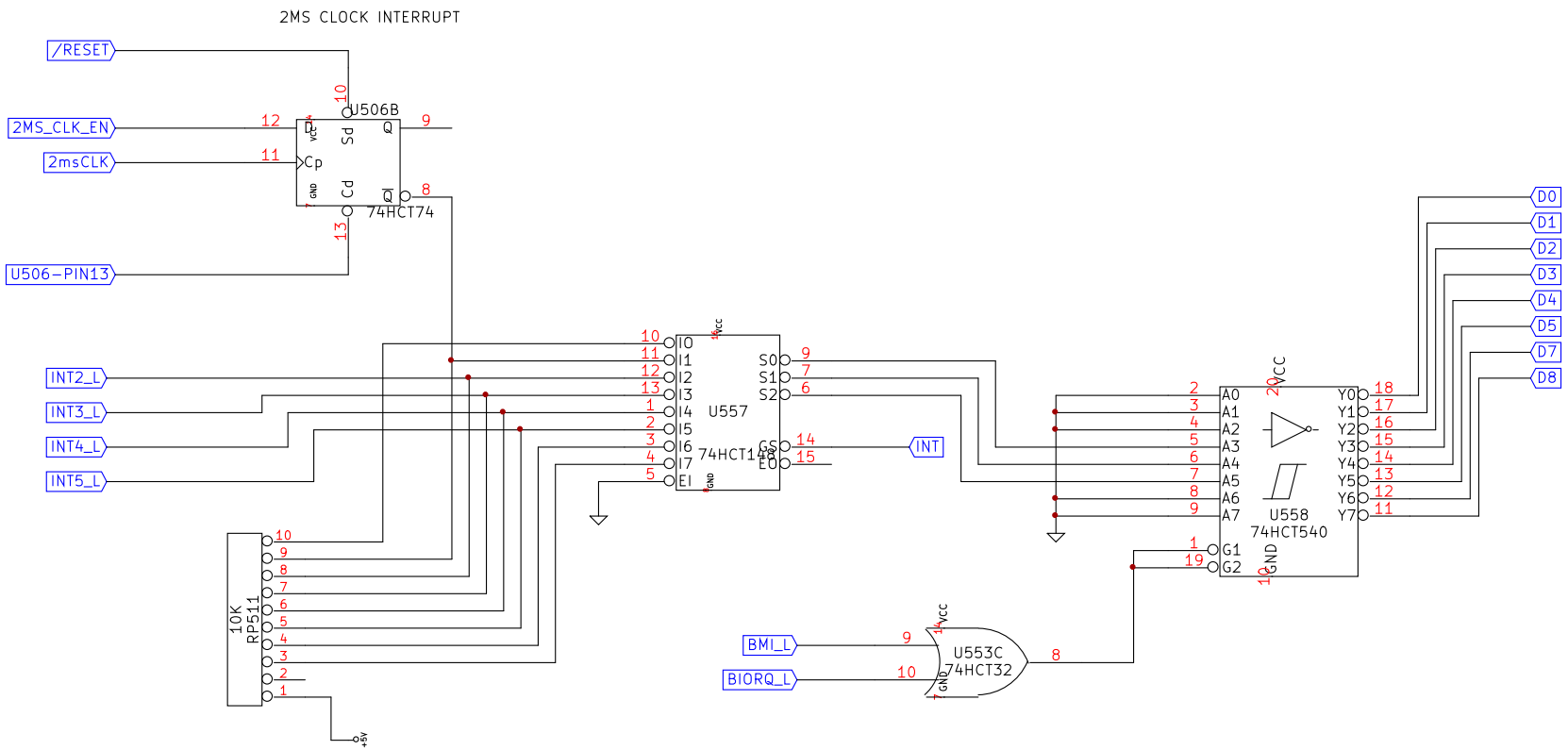
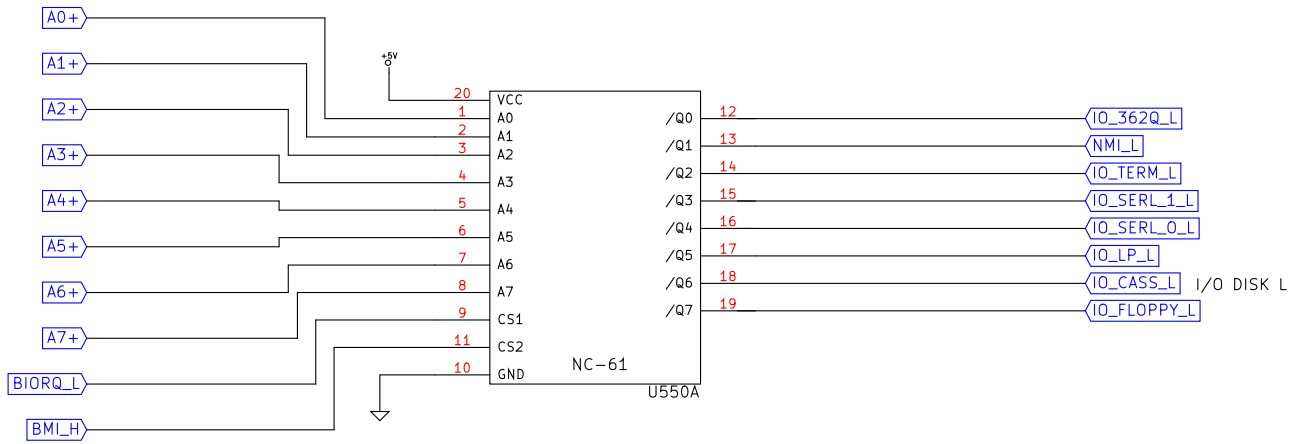


Koyado.com		
File: CONSOLE_SERIAL_PORT.sch		
Sheet: /		
Title: CONSOLE SERIAL PORT		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1

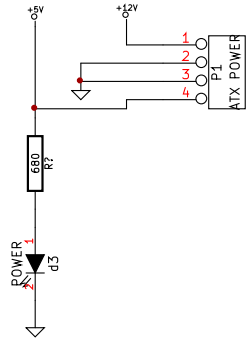


INTERRUPTS

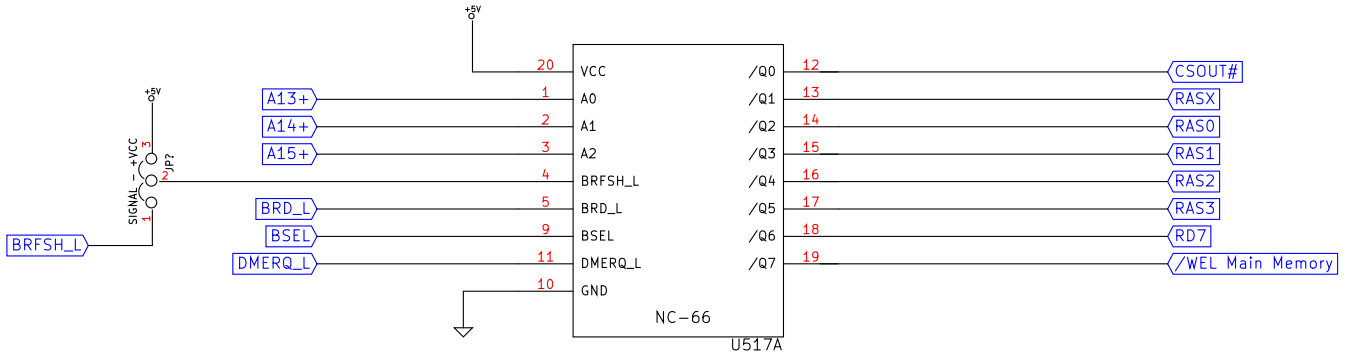
Koyado.com		
File: INTERRUPTS.sch		
Sheet: /		
Title: INTERRUPTS		
Size: A4	Date: 25 aug 2013	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1



Koyado.com		
File: IO_DECODER.sch		
Sheet: /		
Title: I/O DECODER		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1

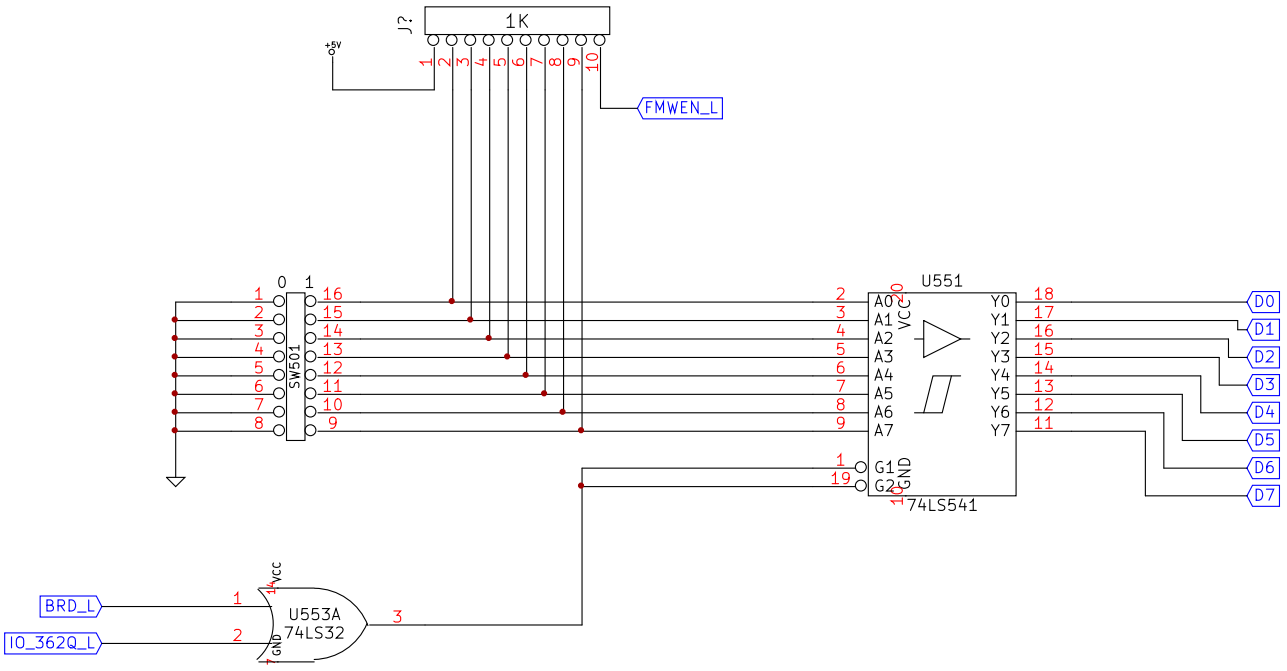


Koyado.com		
File: POWER.sch		
Sheet: /		
Title: POWER		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A.	eeschema (2013-05-16 BZR 4016)-stable	Id: 1/1

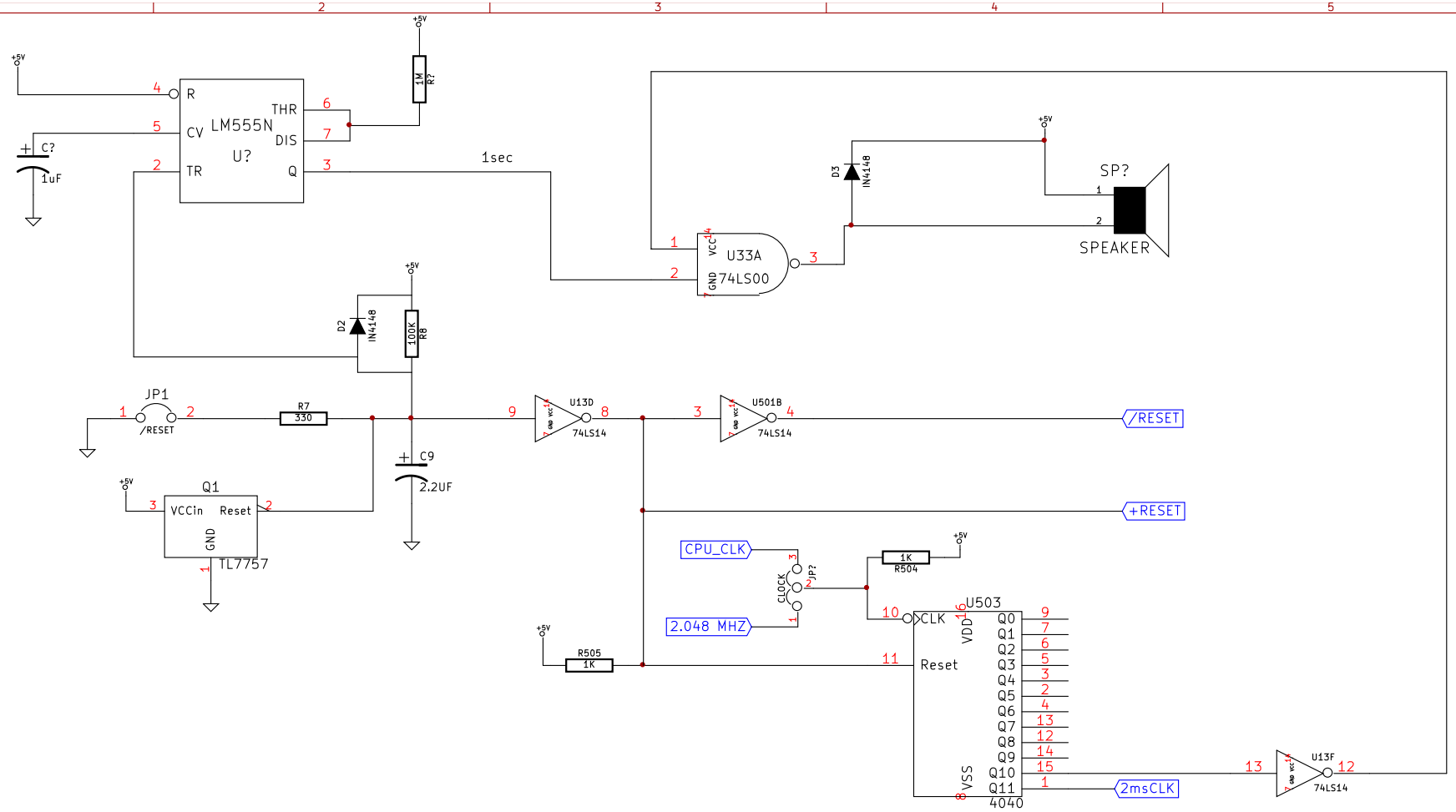


NOTE: BSEL is used to support 64K of RAM

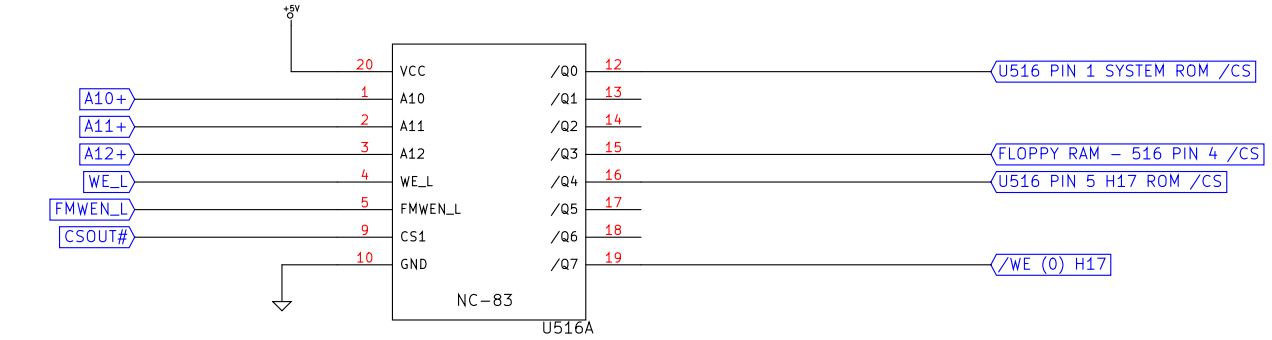
Koyado.com		
File: RAM_DECODER.sch		
Sheet: /		
Title: RAM DECODER		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1

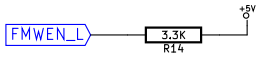


Koyado.com		
File: READ_SW501.sch		
Sheet: /		
Title: READ SW501		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1

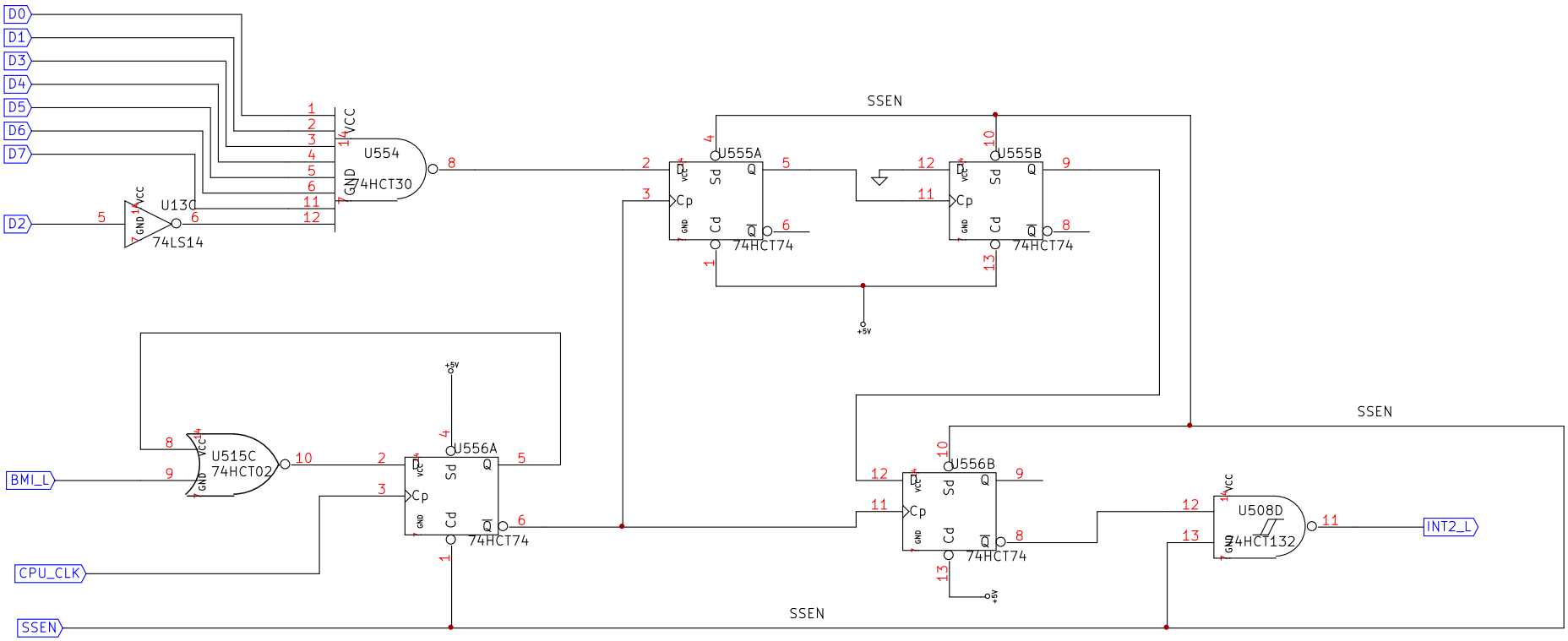


Koyado.com		
File: Reset_Timer.sch		
Sheet: /		
Title: Reset and Timer		
Size: A4	Date: 10 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1



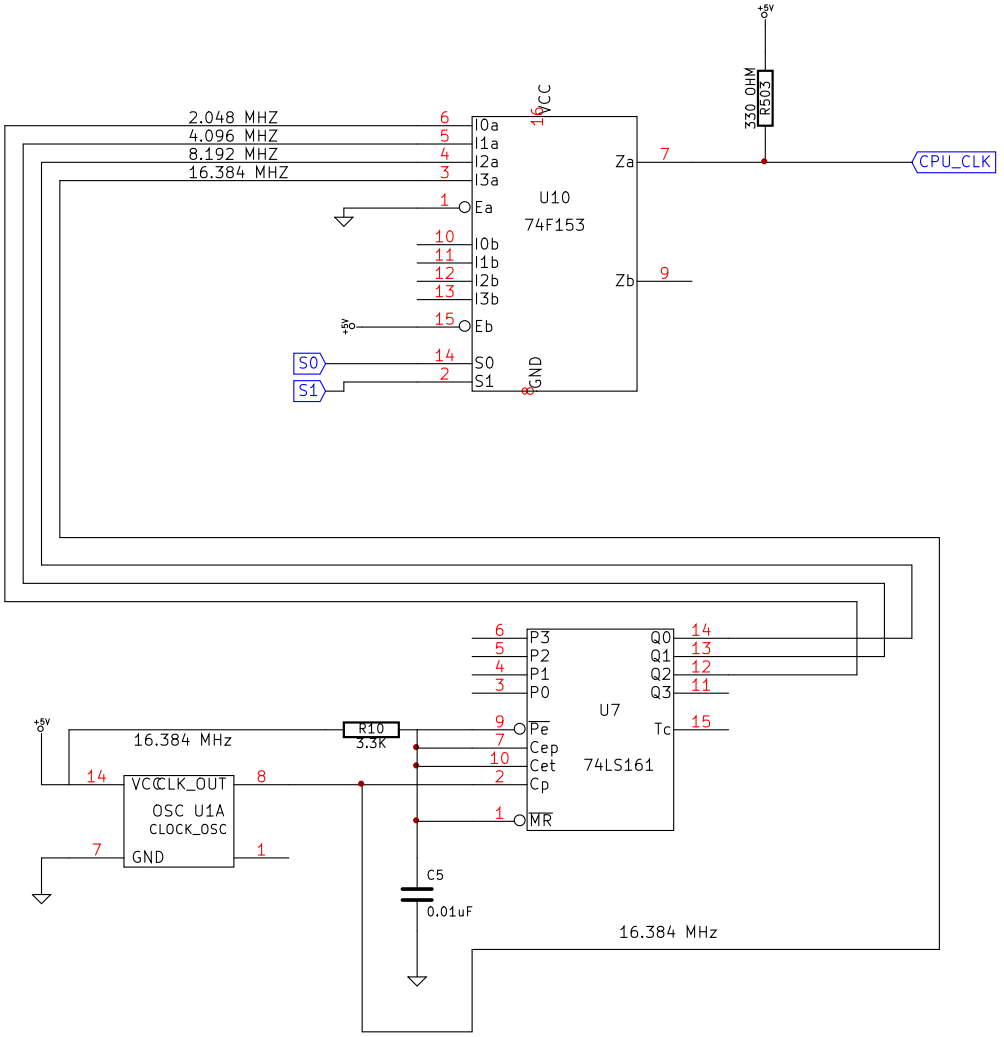


Koyado.com		
File: ROM_DECODER.sch		
Sheet: /		
Title: ROM DECODER		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1

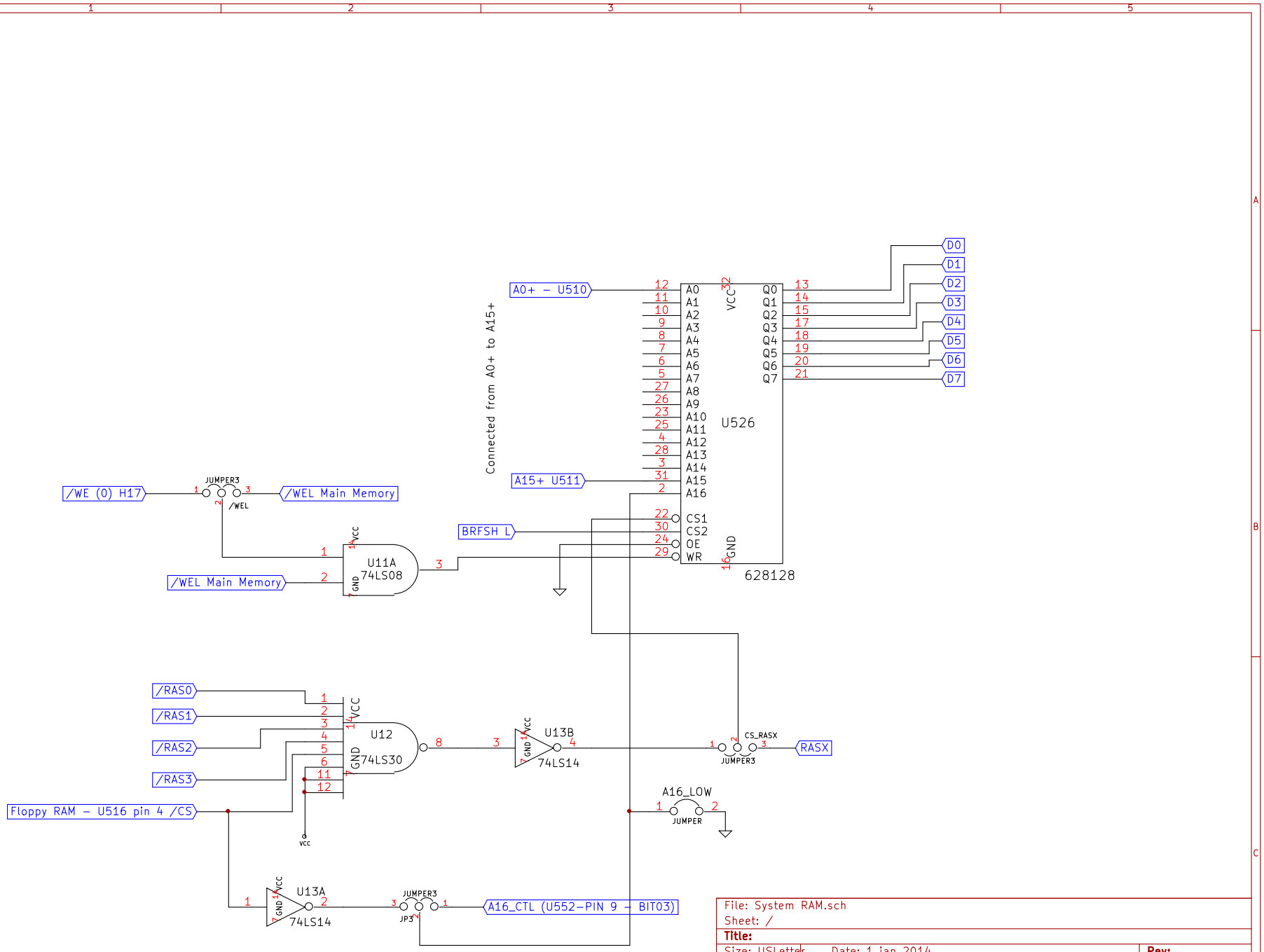


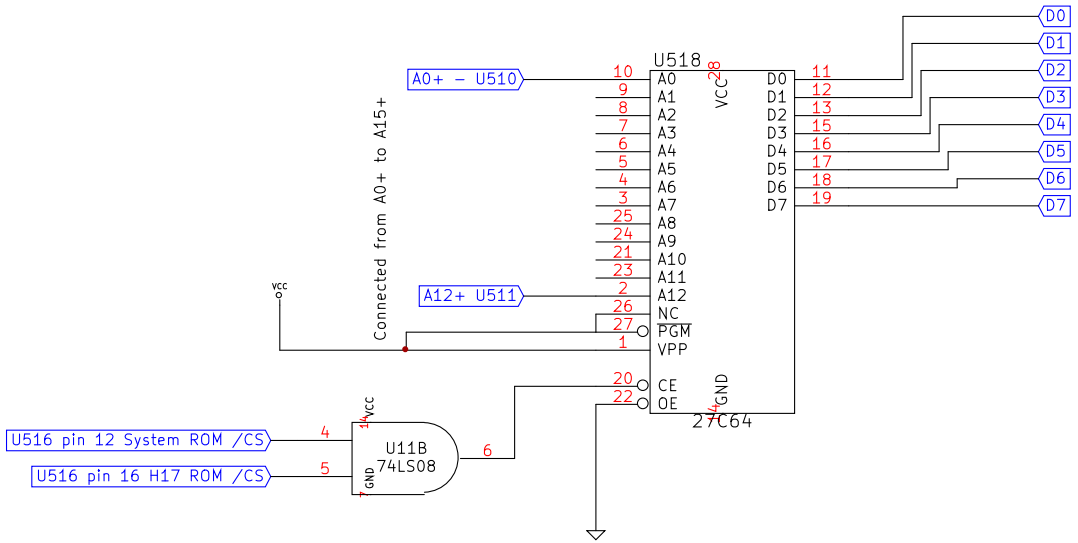
SINGLE STEP INTERRUPT

Koyado.com		
File: SINGLE_STEP_2MS_CLOCK.sch		
Sheet: /		
Title: SINGLE STEP & 2MS CLOCK		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1

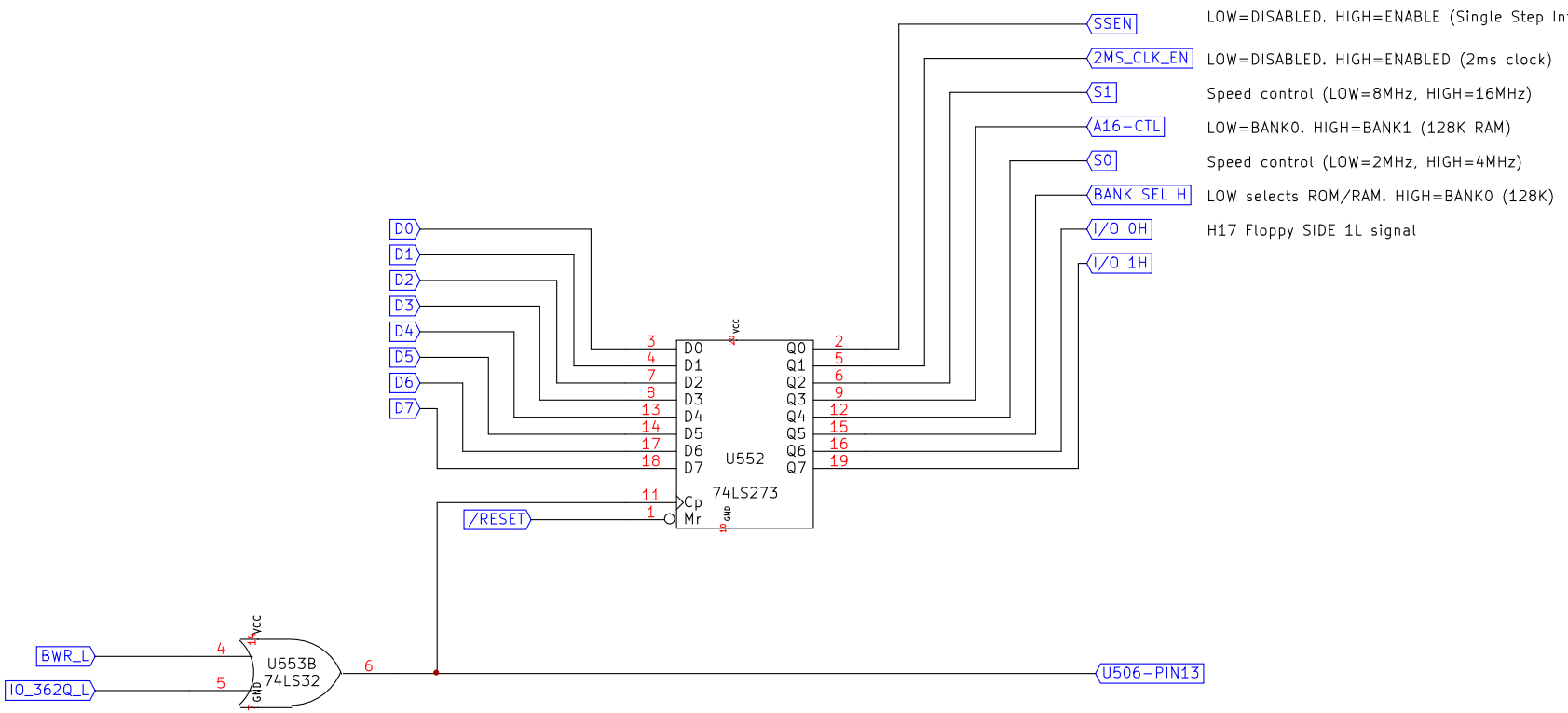


Koyado.com		
File: Speed_Clock.sch		
Sheet: /		
Title: Z80 CPU System Clock		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1

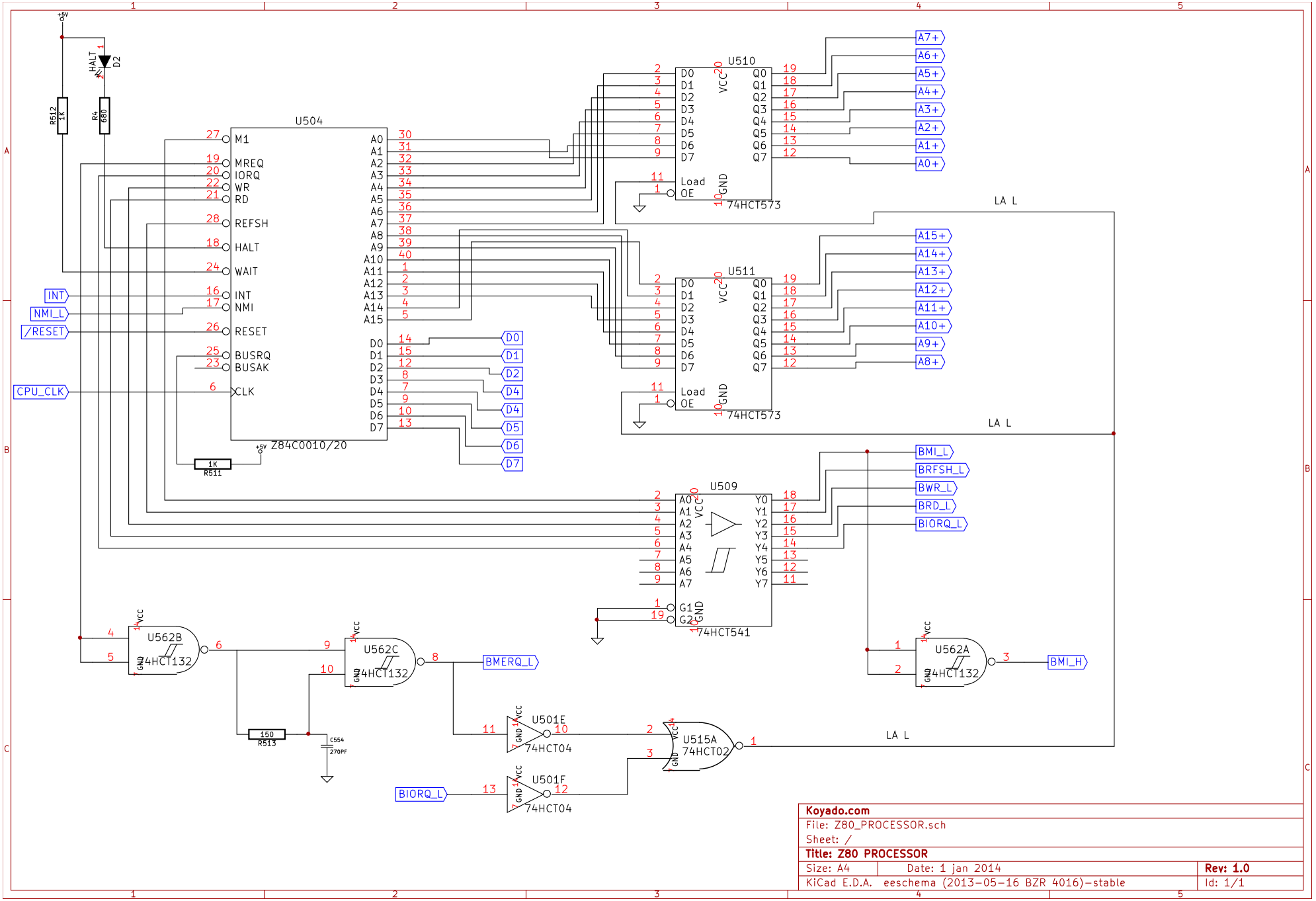

A0+ – U510
A15+ U511
Connected from A0+ to A15+
U526
628128
D0
D1
D2
D3
D4
D5
D6
D7
/WE (0) H17
JUMPER3
/WEL
/WEL Main Memory
BRFSH L
U11A
74LS08
/RAS0
/RAS1
/RAS2
/RAS3
U12
74LS30
U13B
74LS14
CS_RASX
RASX
Floppy RAM – U516 pin 4 /CS
A16_LOW
JUMPER
U13A
74LS14
JP3
A16_CTL (U552–PIN 9 – BIT03)
File: System RAM.sch
Sheet: /
Title:
Size: USLetter
Date: 1 jan 2014
Rev:
KiCad E.D.A. eeschema (2013–05–16 BZR 4016)–stable
Id: 1/1



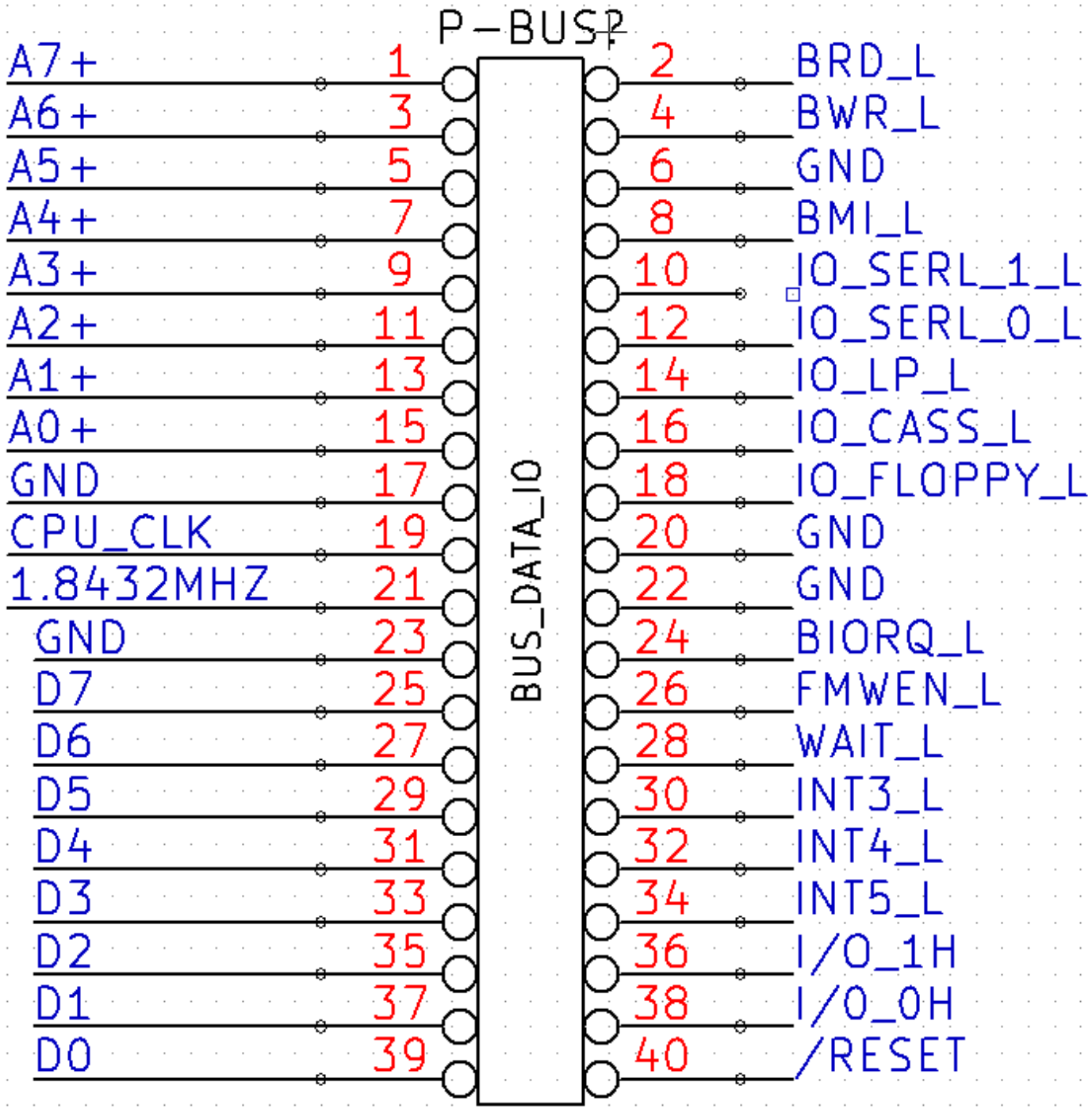
File: System ROM.sch	
Sheet: /	
Title:	
Size: USLetter Date: 1 jan 2014	**Rev:**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable	Id: 1/1



Koyado.com		
File: WRITE_PORT_362Q.sch		
Sheet: /		
Title: WRITE PORT 362Q		
Size: A4	Date: 31 dec 2013	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1



Koyado.com		
File: Z80_PROCESSOR.sch		
Sheet: /		
Title: Z80 PROCESSOR		
Size: A4	Date: 1 jan 2014	**Rev: 1.0**
KiCad E.D.A. eeschema (2013-05-16 BZR 4016)-stable		Id: 1/1


P-BUS?
BUS_DATA_IO
A7+
1
2
BRD_L
A6+
3
4
BWR_L
A5+
5
6
GND
A4+
7
8
BMI_L
A3+
9
10
IO_SERL_1_L
A2+
11
12
IO_SERL_0_L
A1+
13
14
IO_LP_L
A0+
15
16
IO_CASS_L
GND
17
18
IO_FLOPPY_L
CPU_CLK
19
20
GND
1.8432MHZ
21
22
GND
GND
23
24
BIORQ_L
D7
25
26
FMWEN_L
D6
27
28
WAIT_L
D5
29
30
INT3_L
D4
31
32
INT4_L
D3
33
34
INT5_L
D2
35
36
I/O_1H
D1
37
38
I/O_0H
D0
39
40
/RESET