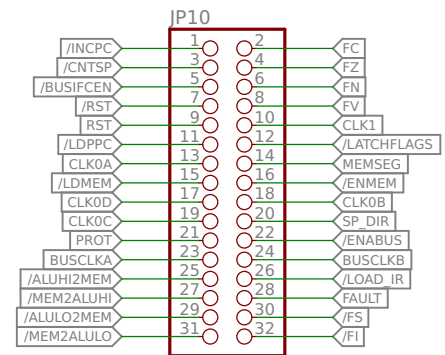
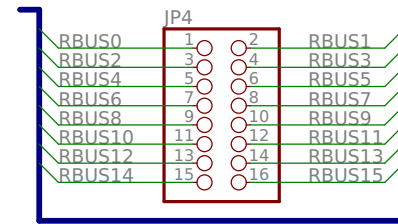
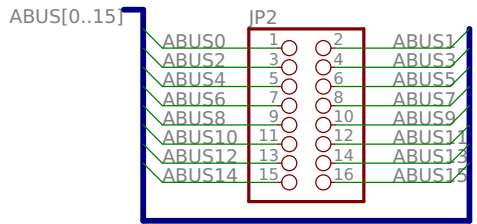
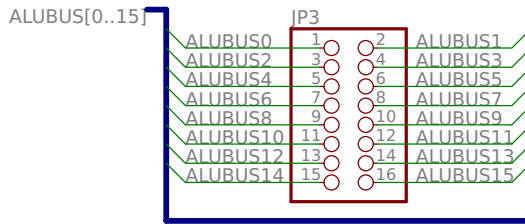
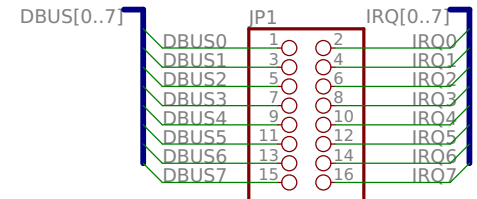
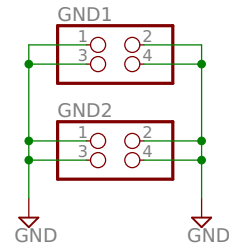
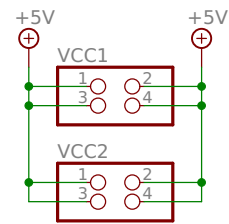
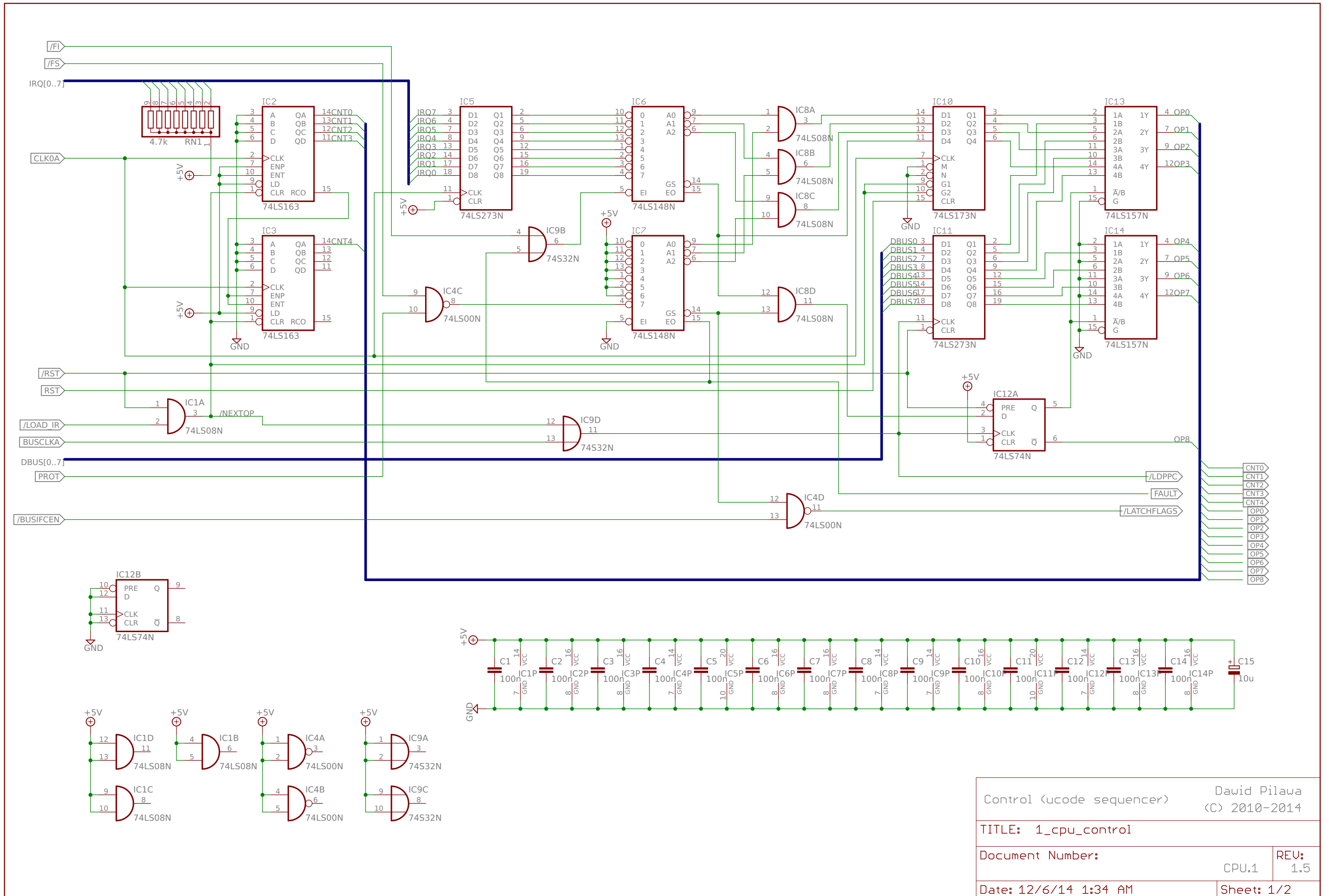


Clocks, reset, bus interface		Dawid Pilawa	
		(C) 2010-2014	
TITLE: 0_cpu_interface			
Document Number:		CPU.0	REV: 1.5
Date: 12/6/14 1:34 AM		Sheet: 1/2	

# BOARD CONNECTORS

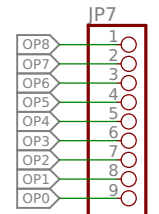
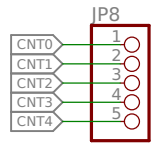
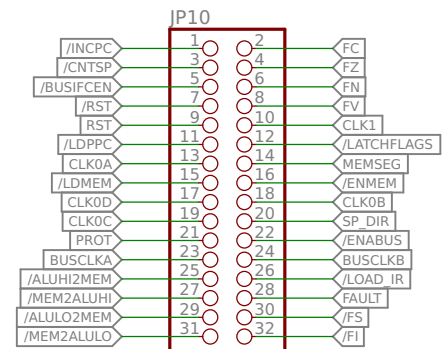
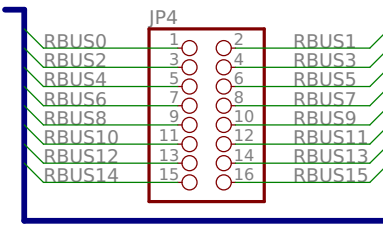
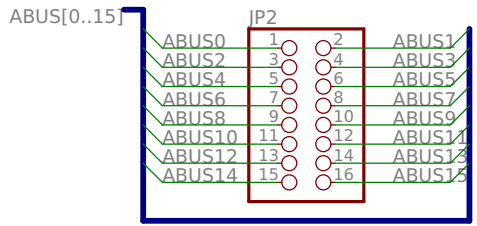
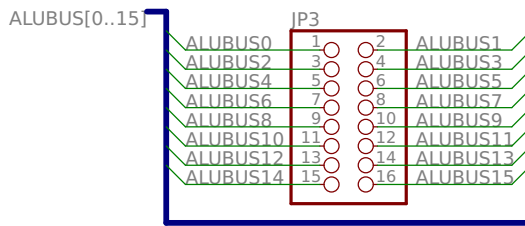
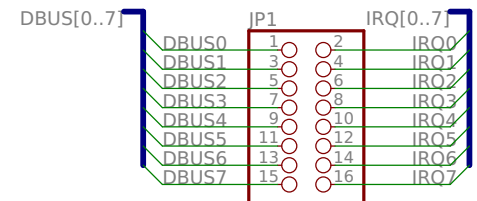
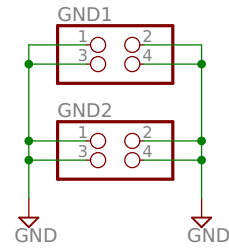
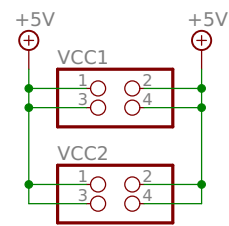


Clocks, reset, bus interface		Dawid Pilawa (C) 2010-2014	
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Document Number:		CPU.0	REV: 1.5
Date: 12/6/14 1:34 AM		Sheet: 2/2	

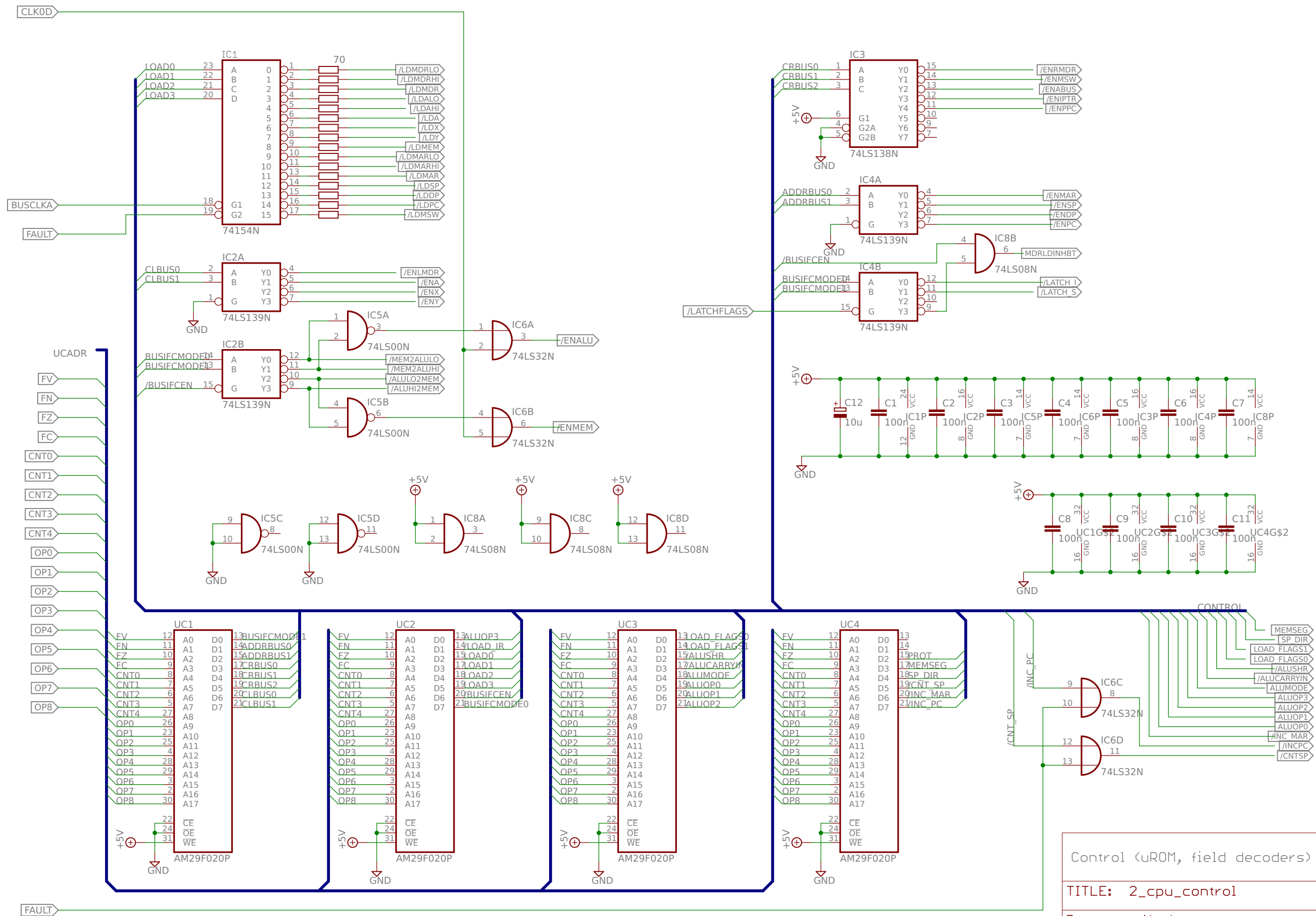


Control (opcode sequencer)		Dawid Pilawa	
		(C) 2010-2014	
TITLE: 1_cpu_control			
Document Number:		CPU.1	REV: 1.5
Date: 12/6/14 1:34 AM			Sheet: 1/2

# BOARD CONNECTORS

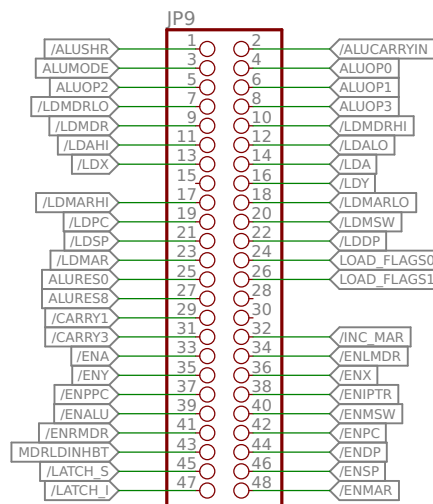
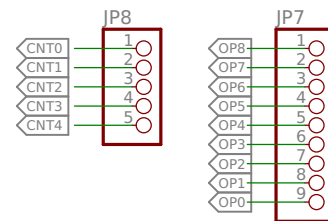
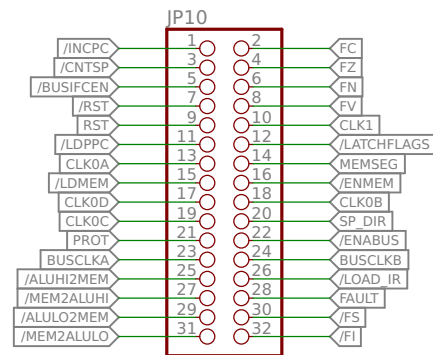
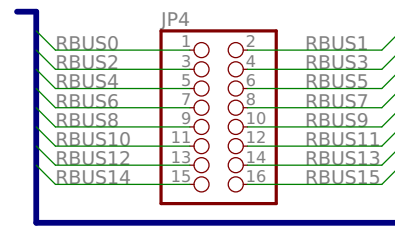
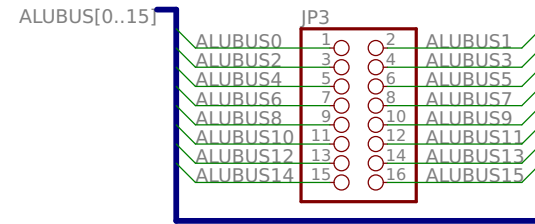
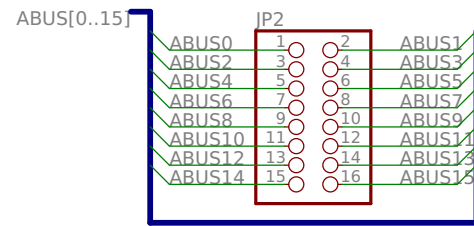
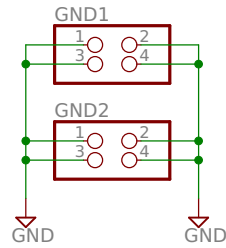
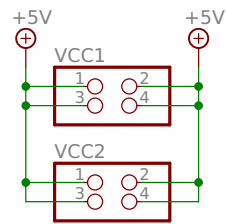


Control (ucode sequencer)		Dawid Pilawa (C) 2010-2014	
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Document Number:		CPU.1	REV: 1.5
Date: 12/6/14 1:34 AM			Sheet: 2/2

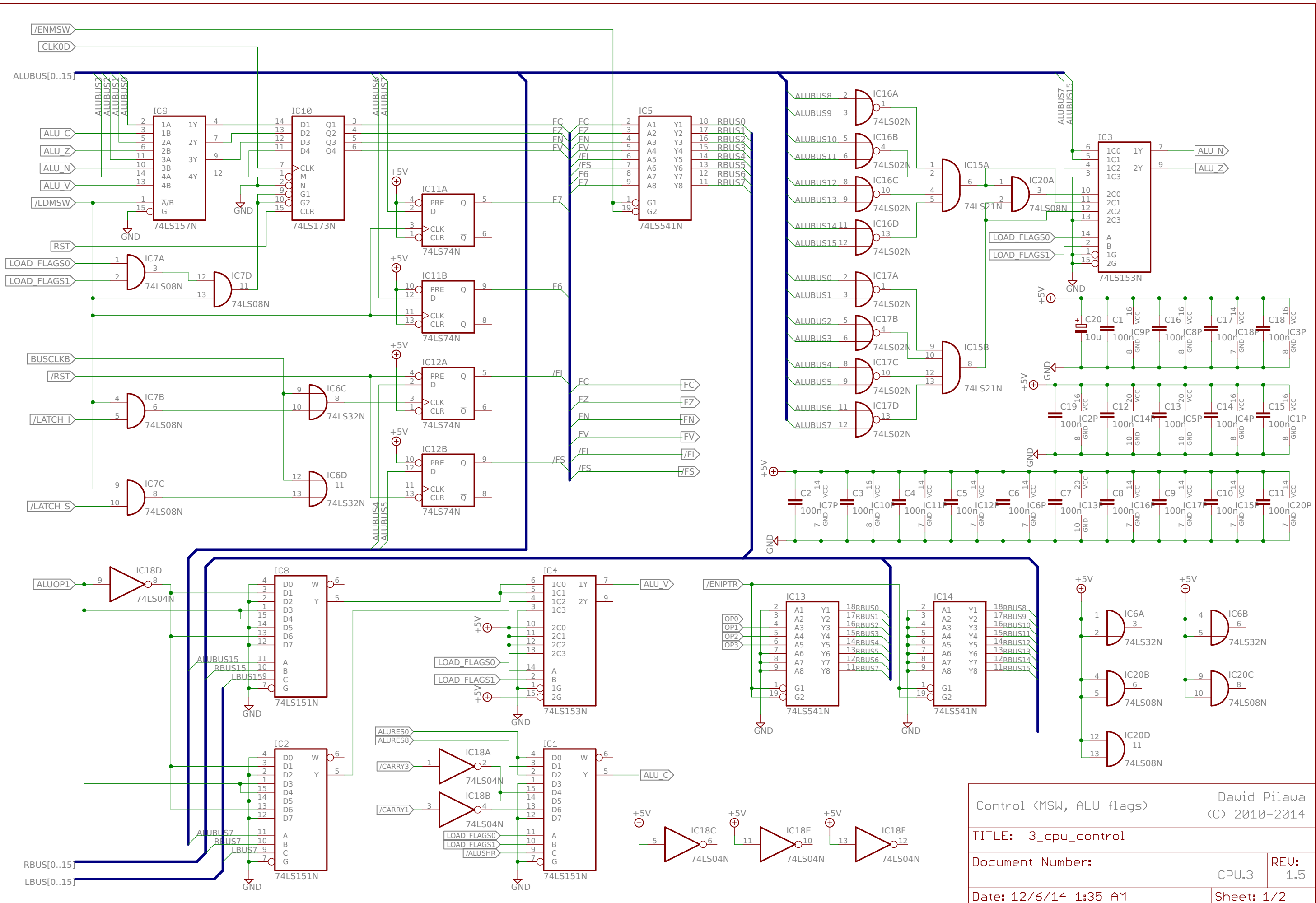


Control (uROM, field decoders) Dawid Pilawa  
 (C) 2010-2014  
 TITLE: 2\_cpu\_control  
 Document Number: CPU.2 REV: 1.5  
 Date: 12/6/14 1:34 AM Sheet: 1/2

# BOARD CONNECTORS

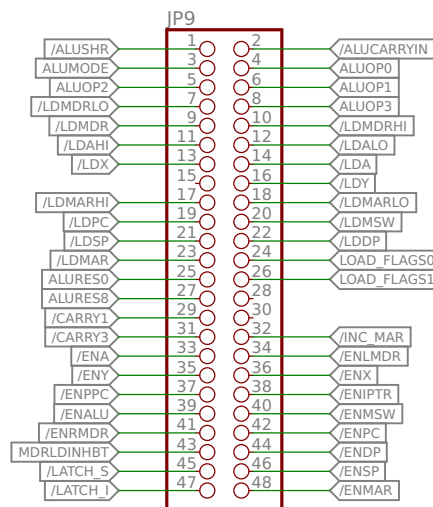
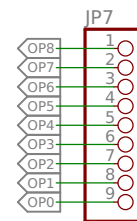
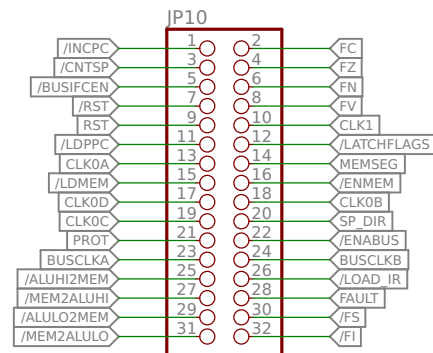
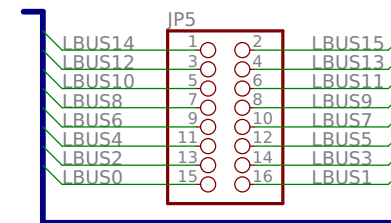
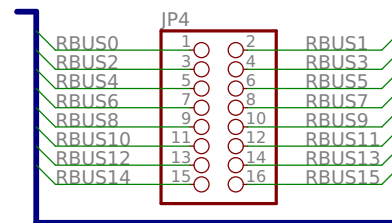
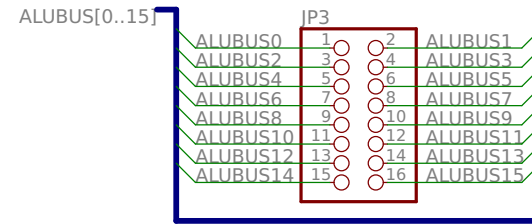
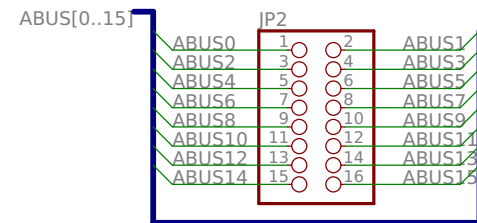
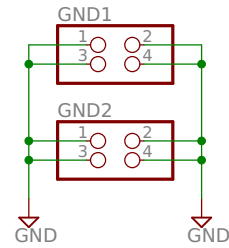
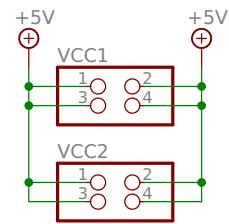


Control (uROM, field decoders)		Dawid Pilawa (C) 2010-2014	
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Document Number:		CPU.2	REV: 1.5
Date: 12/6/14 1:34 AM		Sheet: 2/2	



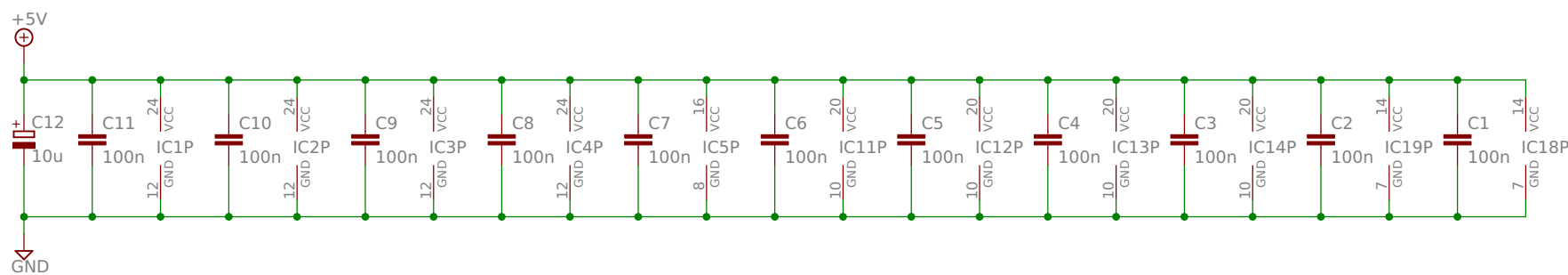
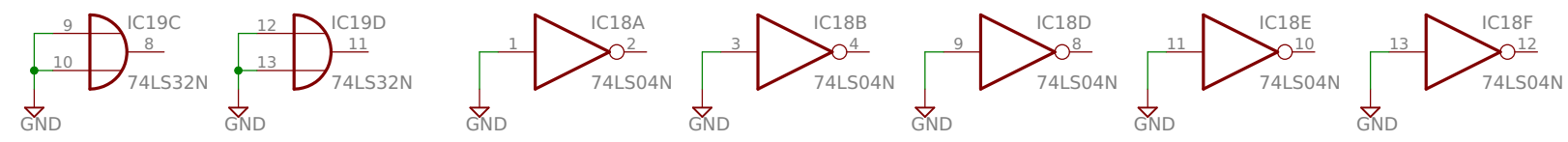
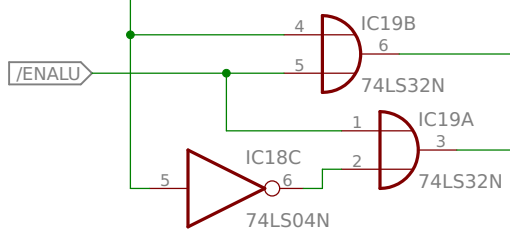
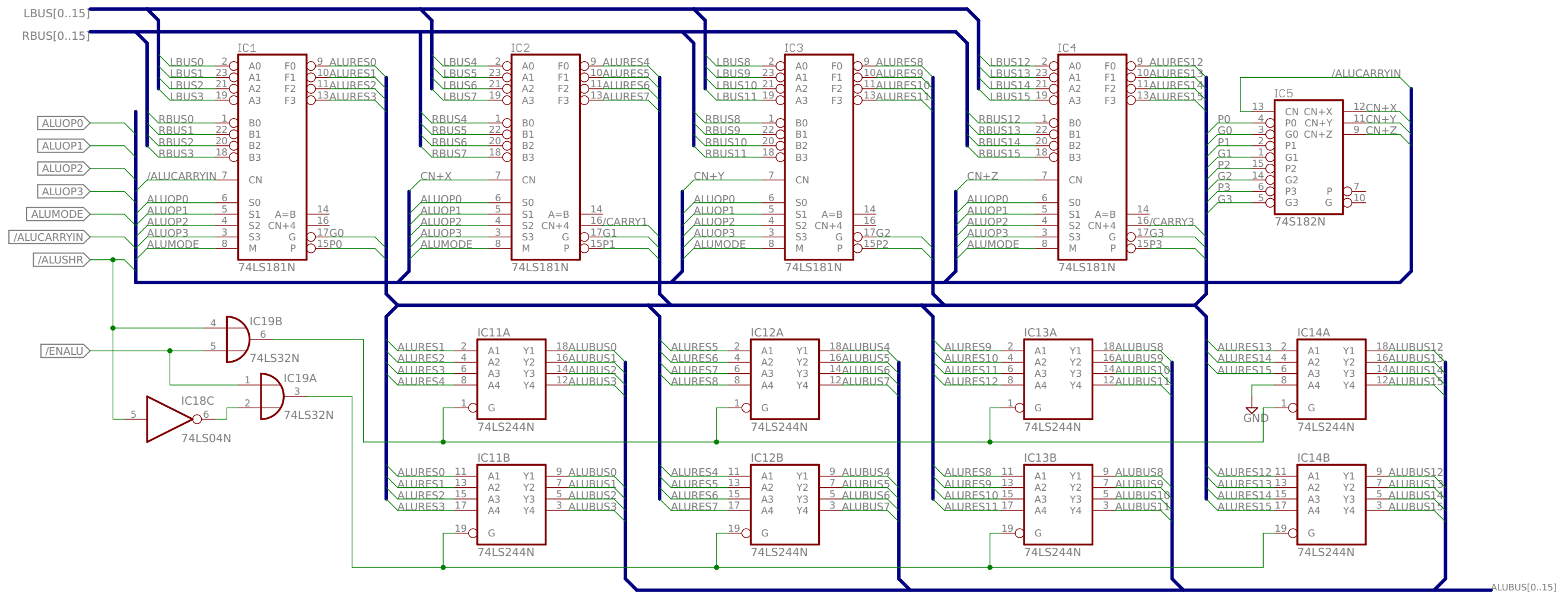
Control (MSW, ALU flags)		Dawid Pilawa (C) 2010-2014	
TITLE: 3_cpu_control			
Document Number:		CPU.3	REV: 1.5
Date: 12/6/14 1:35 AM		Sheet: 1/2	

# BOARD CONNECTORS



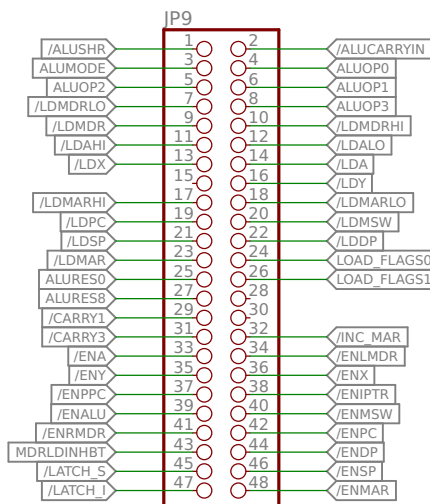
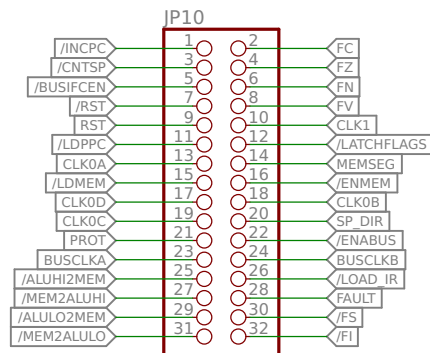
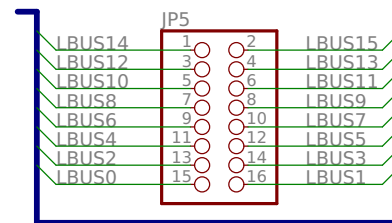
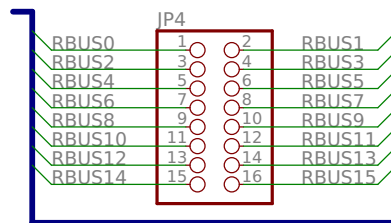
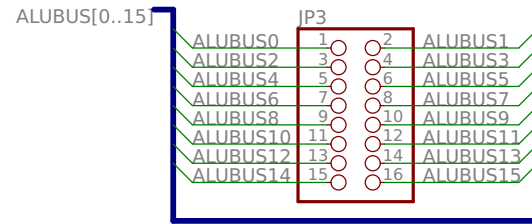
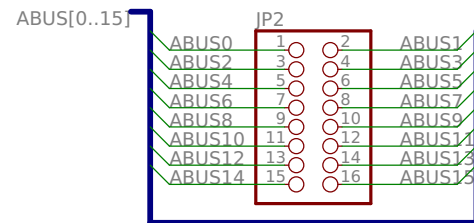
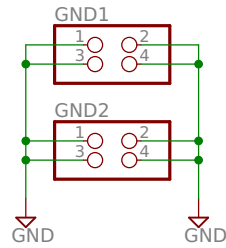
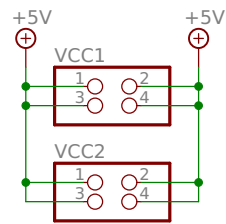
Control (MSW, ALU flags)		Dawid Pilawa (C) 2010-2014	
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Document Number:		CPU.3	REU: 1.5
Date: 12/6/14 1:35 AM		Sheet: 2/2	



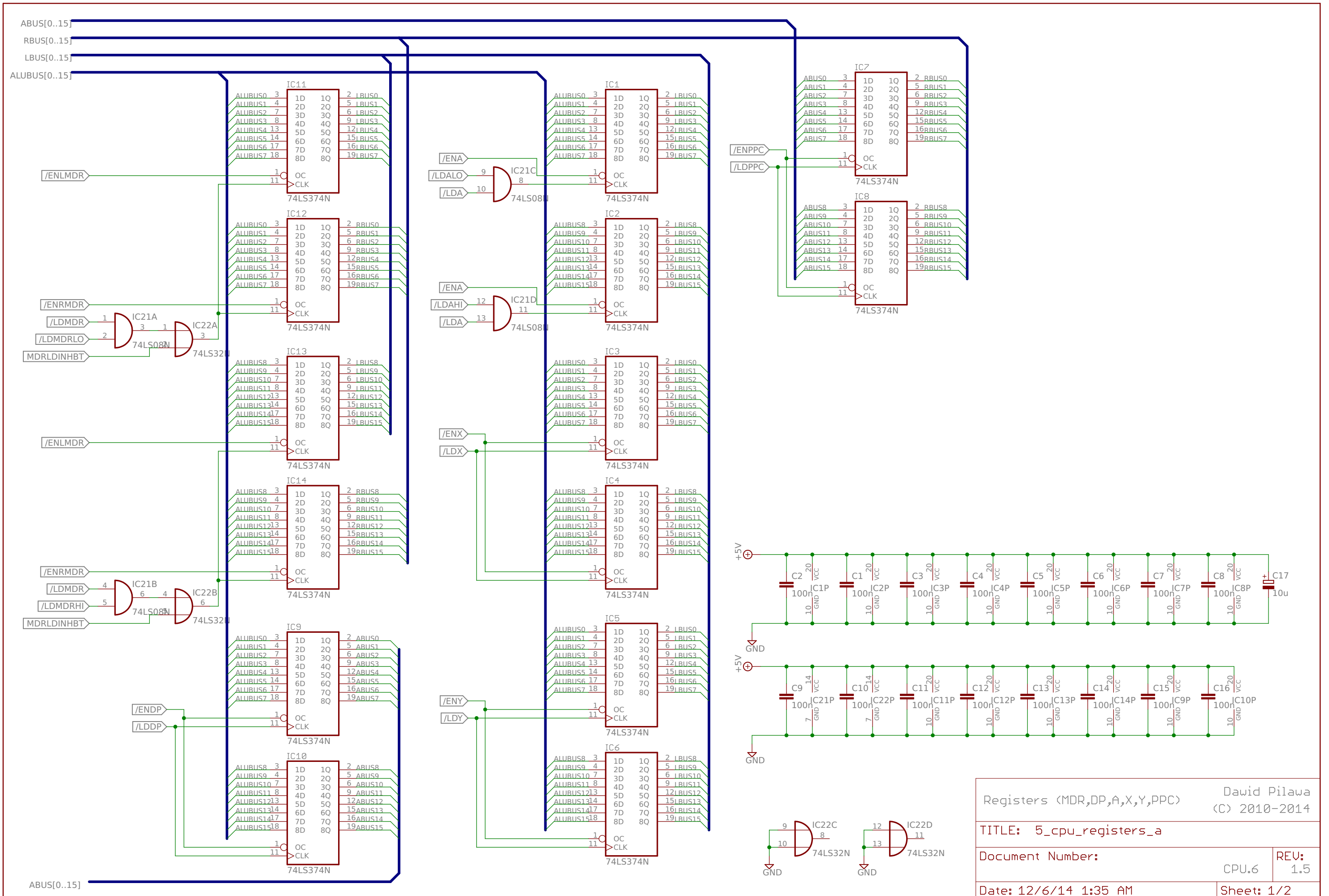


Arithmetic Logic Unit (ALU)		Dawid Pilawa	
		(C) 2010-2014	
TITLE: 4_cpu_alu			
Document Number:		CPU.4	REV: 1.5
Date: 12/6/14 1:35 AM		Sheet: 1/2	

# BOARD CONNECTORS

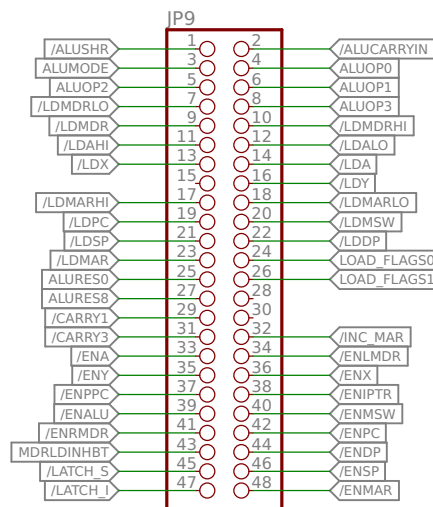
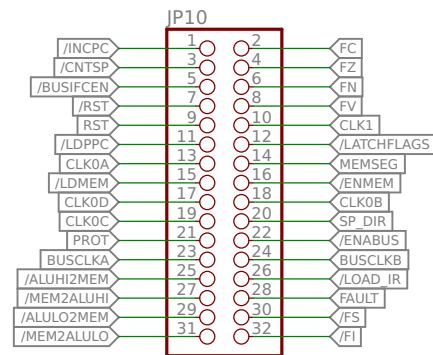
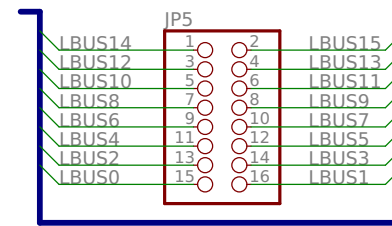
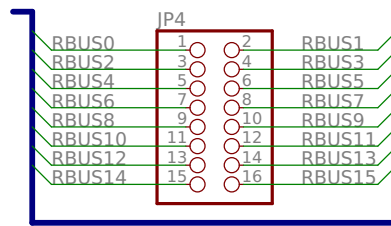
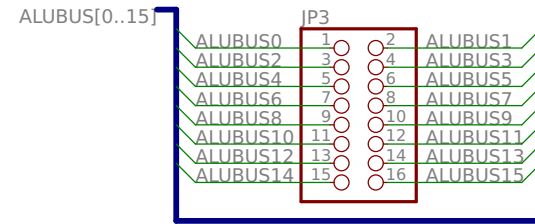
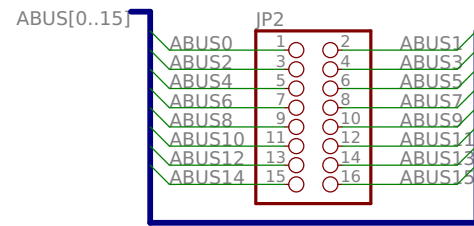
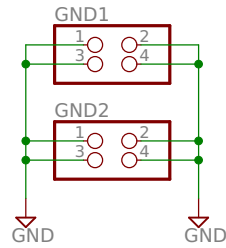
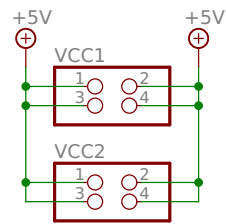


Arithmetic Logic Unit (ALU)		Dawid Pilawa (C) 2010-2014	
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Document Number:		CPU.4	REV: 1.5
Date: 12/6/14 1:35 AM		Sheet: 2/2	

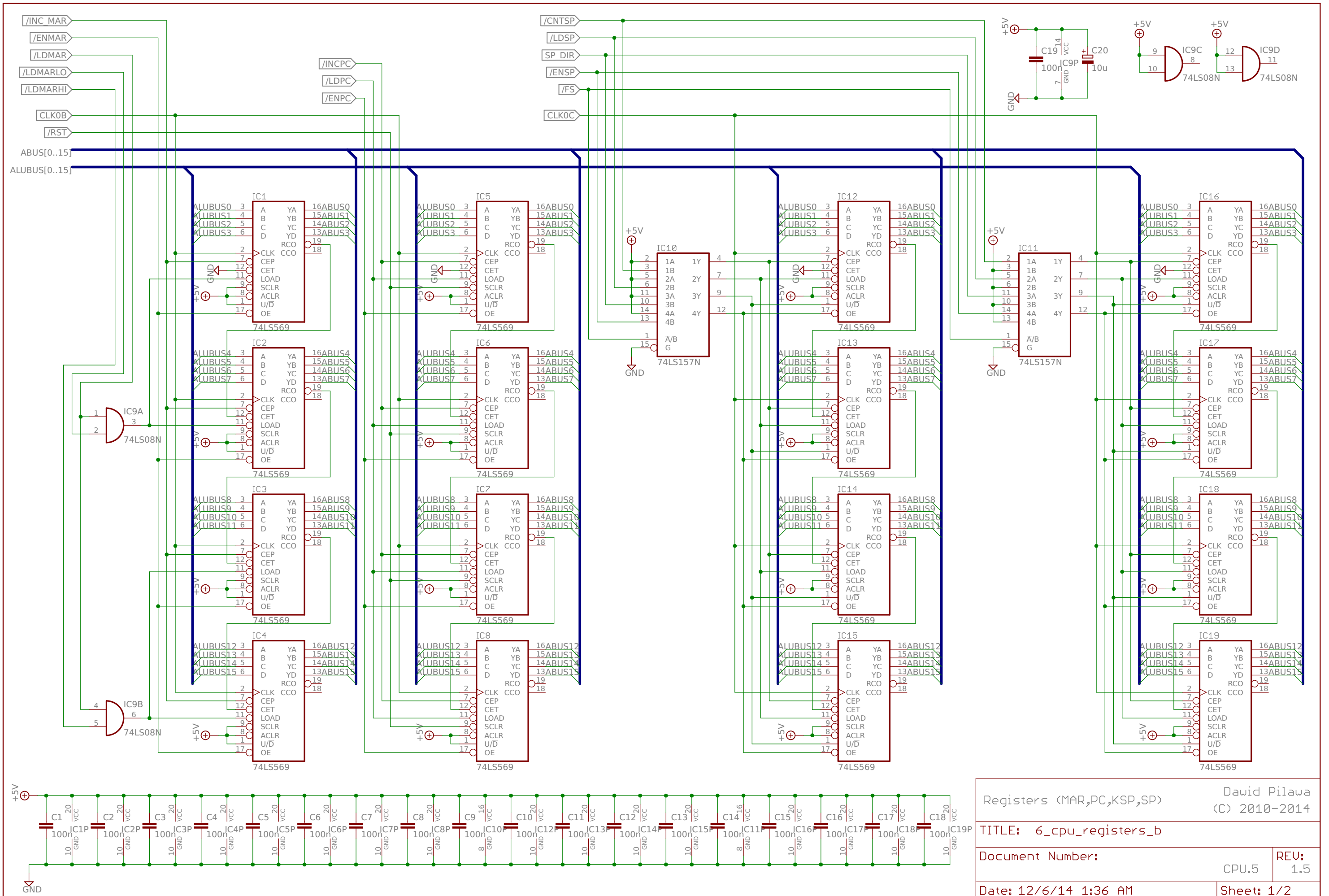


Registers (MDR, DP, A, X, Y, PPC)		Dawid Pilawa	
		(C) 2010-2014	
TITLE: 5_cpu_registers_a			
Document Number:		CPU.6	REV: 1.5
Date: 12/6/14 1:35 AM		Sheet: 1/2	

# BOARD CONNECTORS

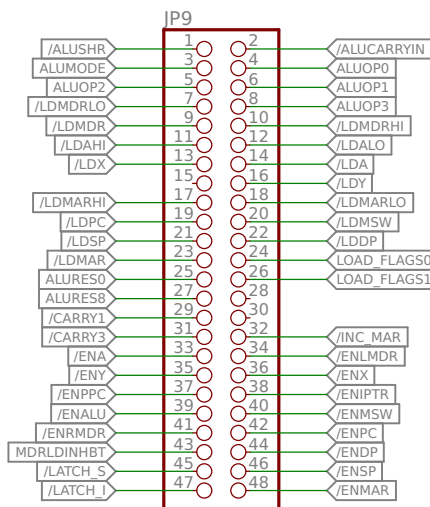
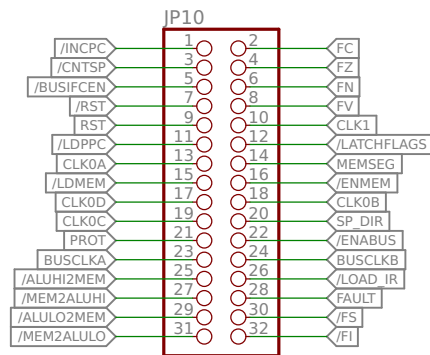
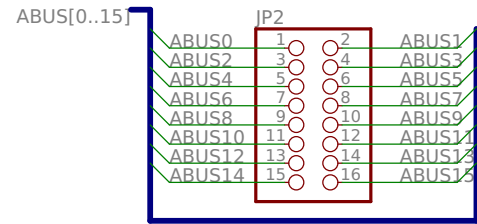
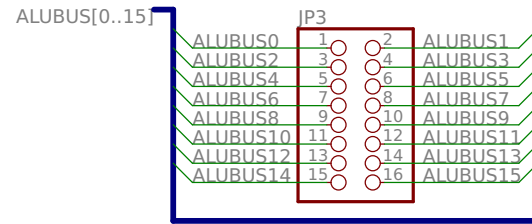
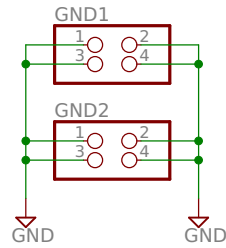
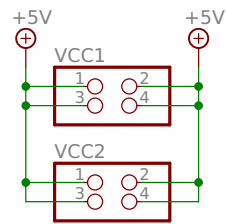


Registers (MDR,DP,A,X,Y,PPC)		Dawid Pilawa (C) 2010-2014	
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Document Number:		CPU.6	REV: 1.5
Date: 12/6/14 1:35 AM		Sheet: 2/2	

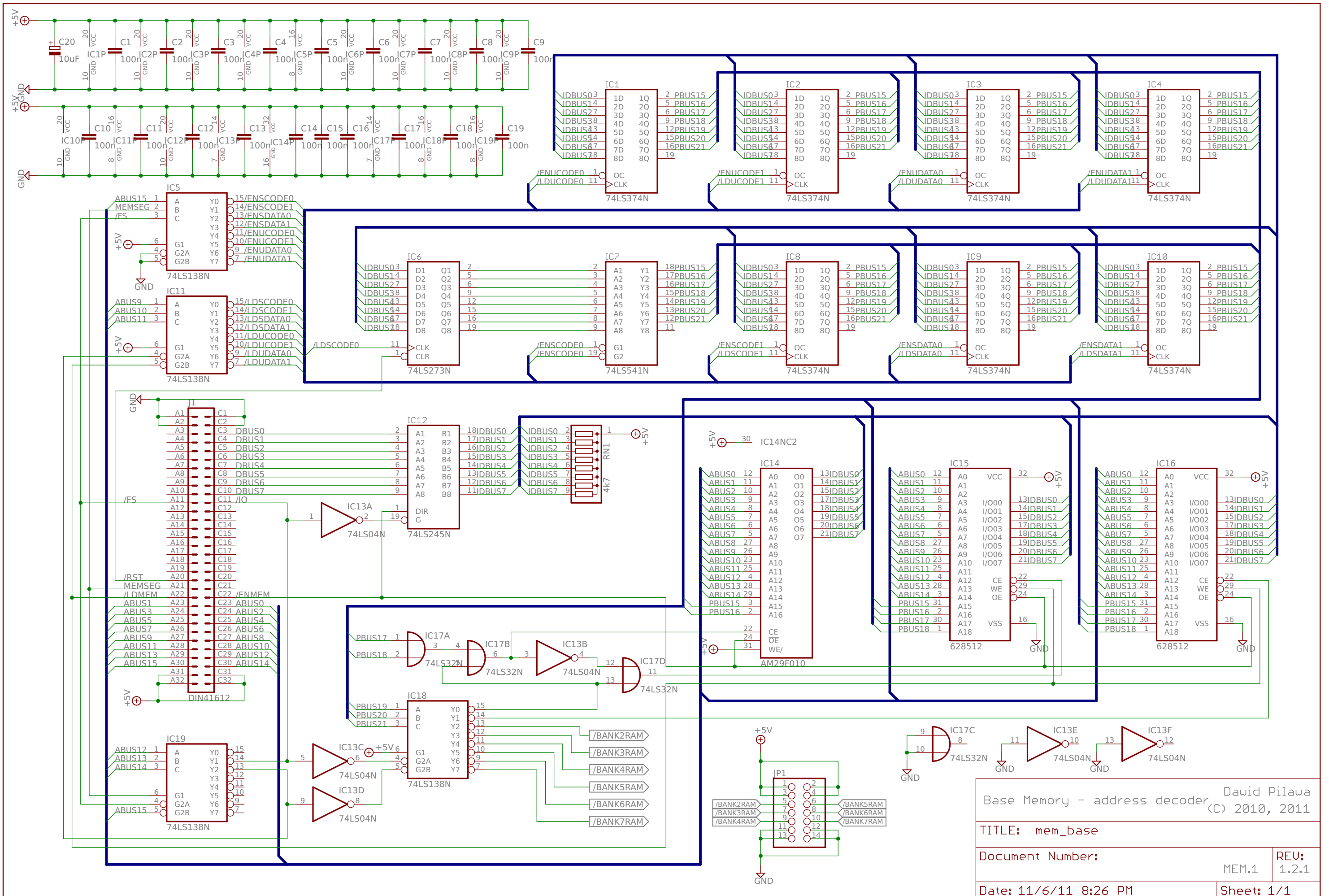


Registers (MAR,PC,KSP,SP)		Dawid Pilawa	
		(C) 2010-2014	
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Date: 12/6/14 1:36 AM		Sheet: 1/2	

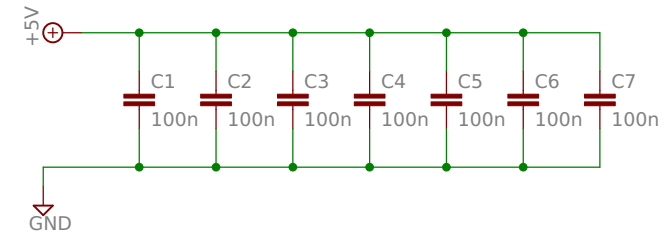
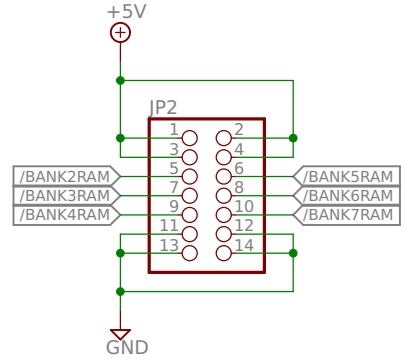
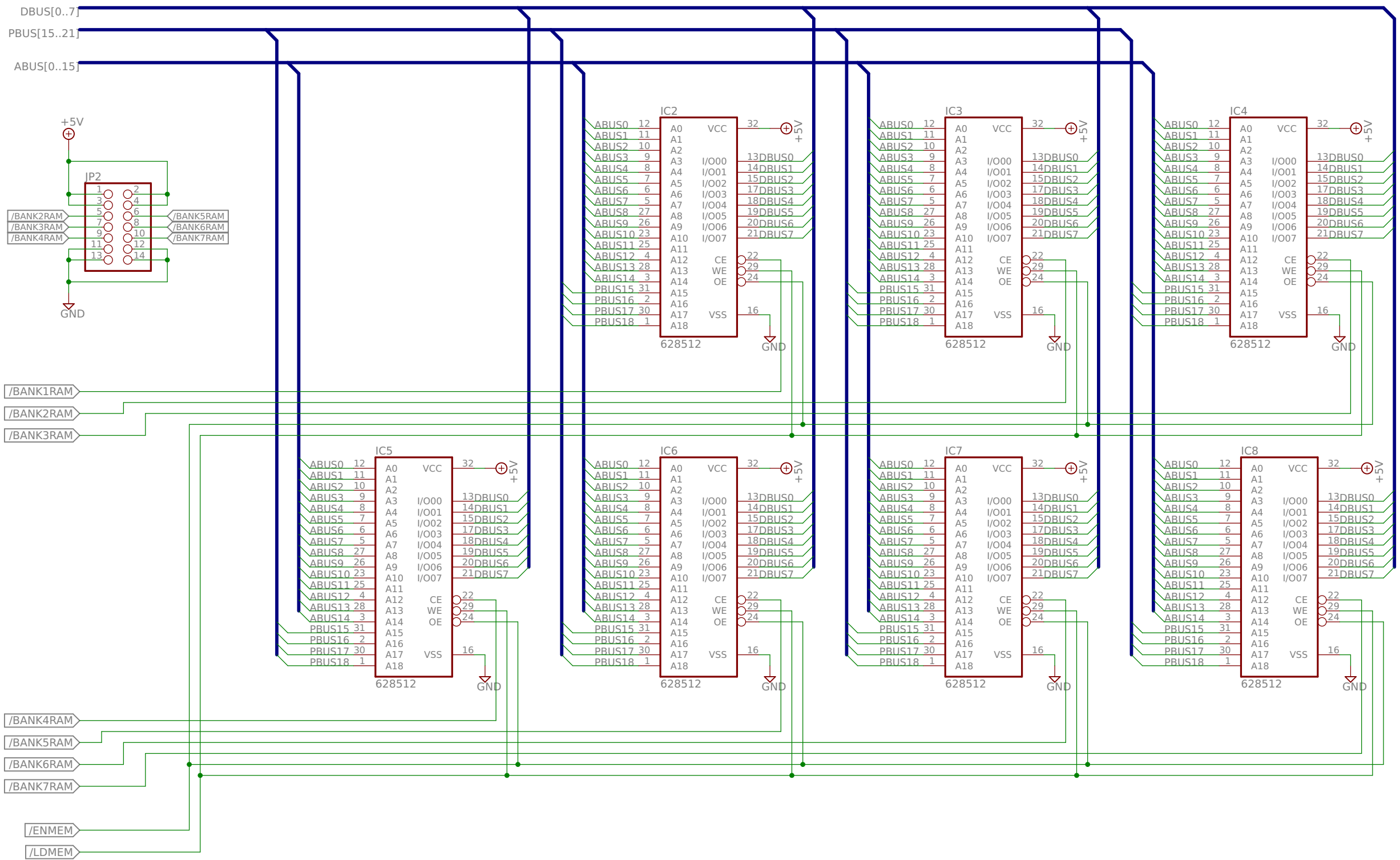
# BOARD CONNECTORS



Registers (MAR,PC,KSP,SP)	Dawid Pilawa (C) 2010-2014
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CPU.5	
Date: 12/6/14 1:36 AM	Sheet: 2/2

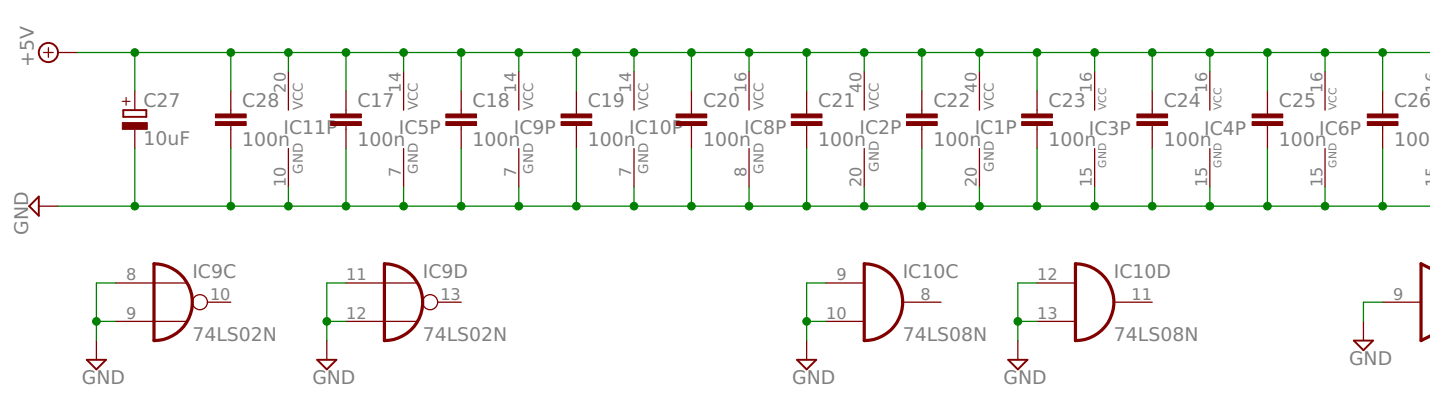
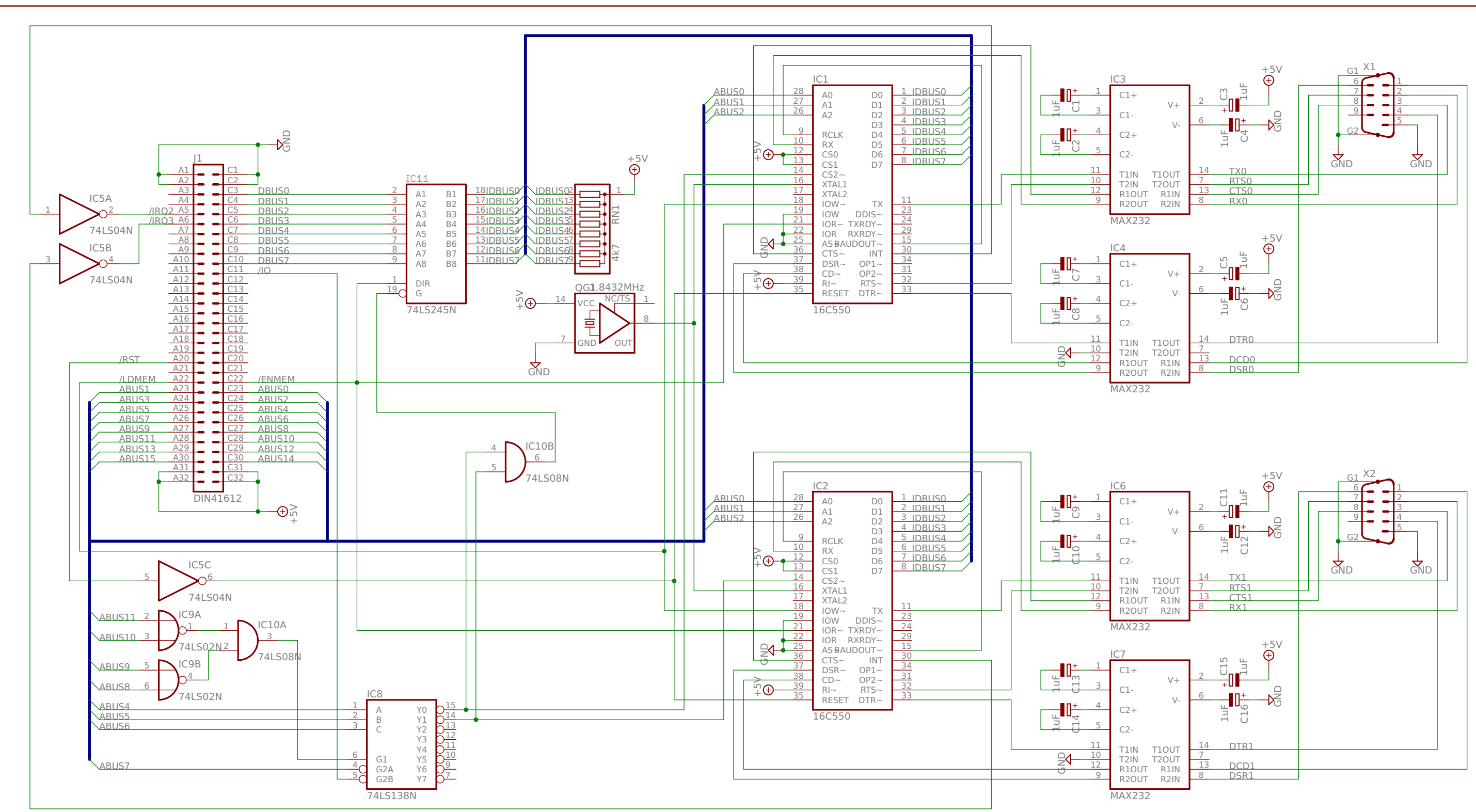


Base Memory - address decoder, Daid Pilawa  
 (C) 2010, 2011  
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 Date: 11/6/11 8:26 PM  
 REU: 1.2.1  
 Sheet: 1/1

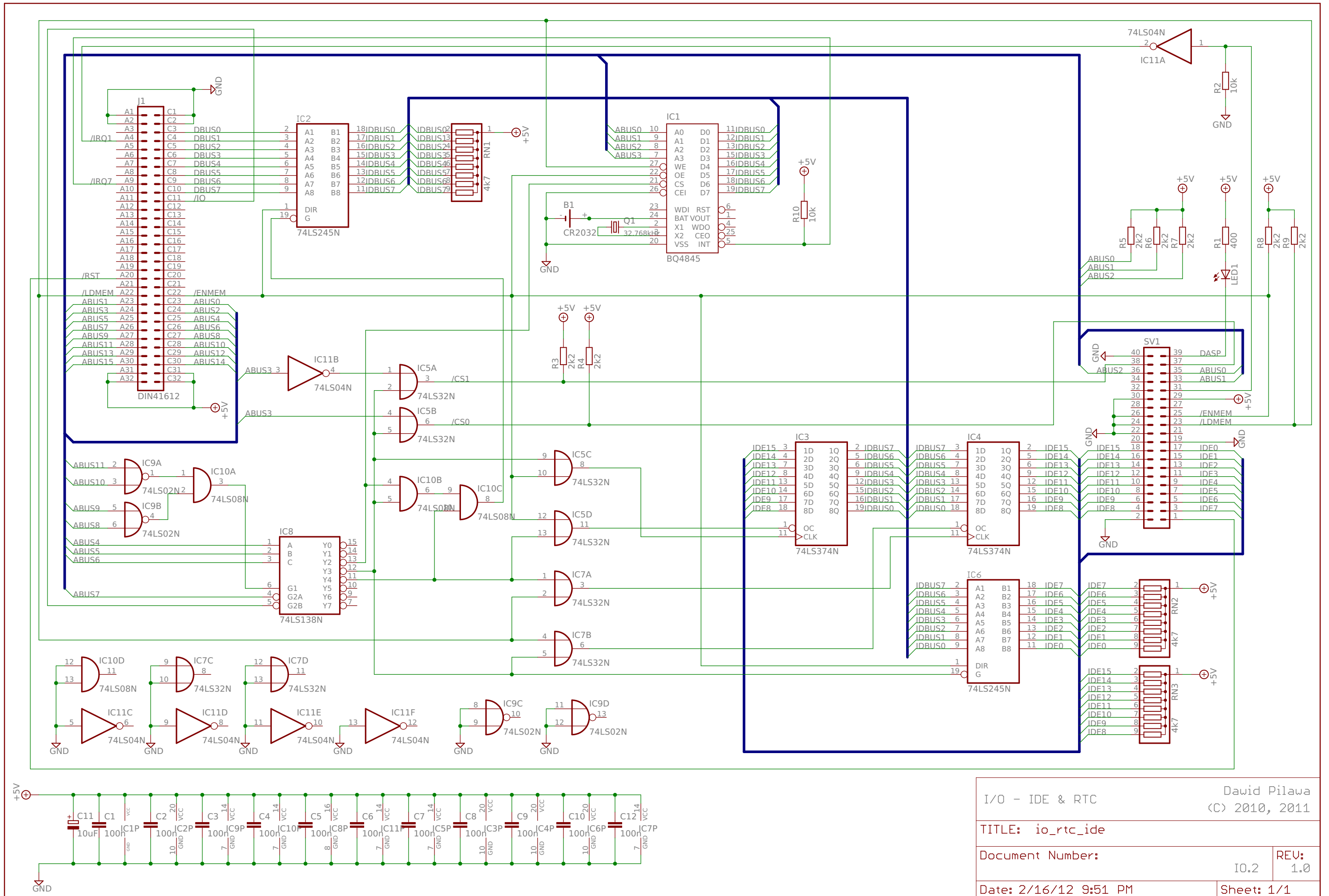


Extended Memory		Dawid Pilawa (C) 2010, 2011	
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Document Number:		MEM.2	REU: 1.2.1
Date: 1/8/12 5:41 PM		Sheet: 1/1	





I/O - UARTS		Dawid Pilawa	
		(C) 2010 - 2012	
TITLE: io_uartS			
Document Number:		10.1	REV: 1.0.3
Date: 5/5/12 12:00 AM			Sheet: 1/1



I/O - IDE & RTC		Dawid Pilawa	
		(C) 2010, 2011	
TITLE: io_rtc_ide			
Document Number:		10.2	REV: 1.0
Date: 2/16/12 9:51 PM		Sheet: 1/1	