

A

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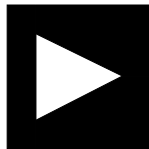
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ADSP-TS101 EZ-KIT LITE



**ANALOG
DEVICES**

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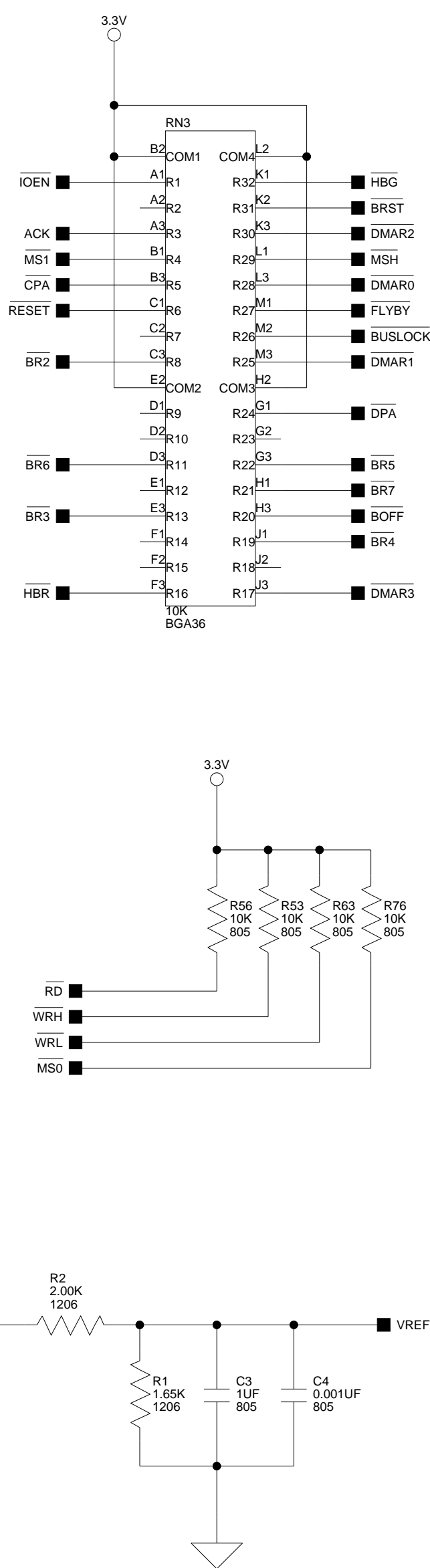
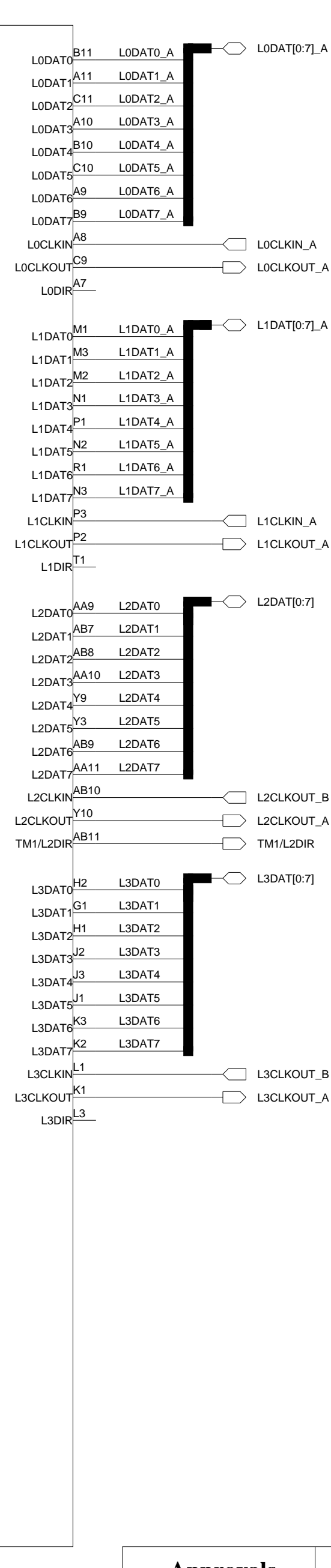
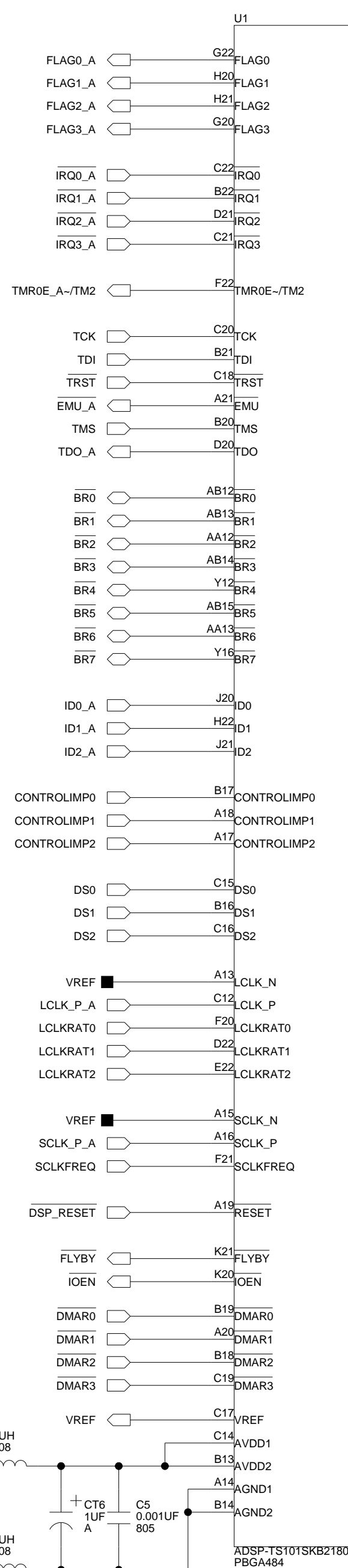
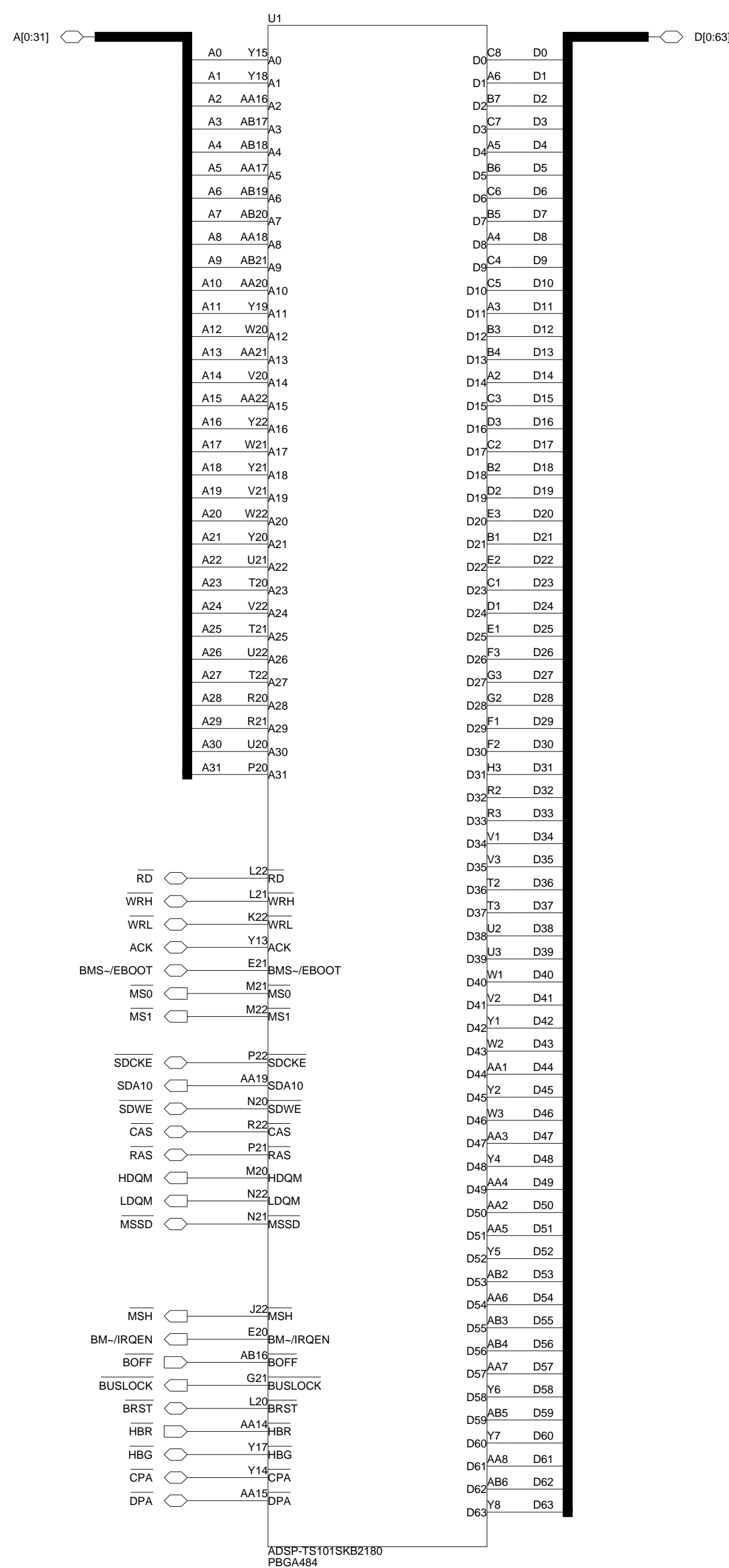
Approvals		Date		Title		
Drawn				ADSP-TS101 EZ-KIT LITE		
Checked				Size	Board No.	Rev
Engineering				C	A0163-2001	1.5
				Date	10-10-2002_16:30	Sheet 1 of 12

A

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Approvals	Date	Title			
Drawn		ADSP-TS101 EZ-KIT LITE - DSP A			
Checked		Size	Board No.	Rev	
Engineering		C	A0163-2001	1.5	
		Date	7-23-2003 14:06	Sheet	2 of 13

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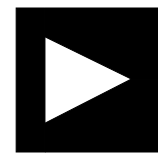
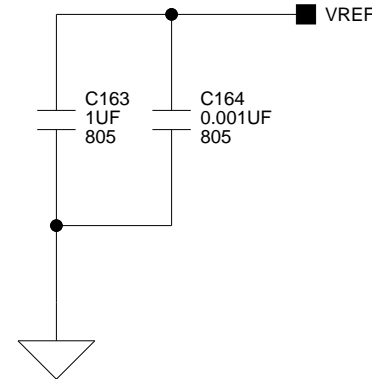
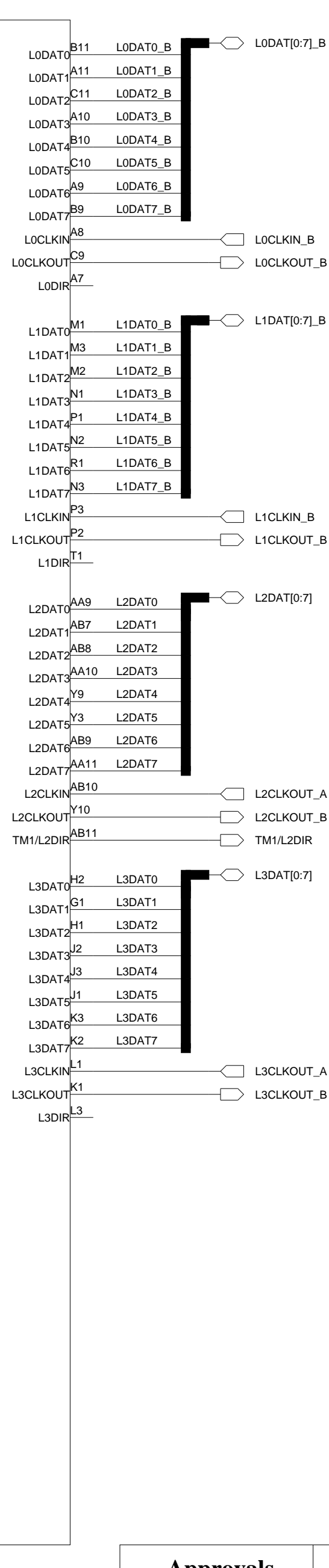
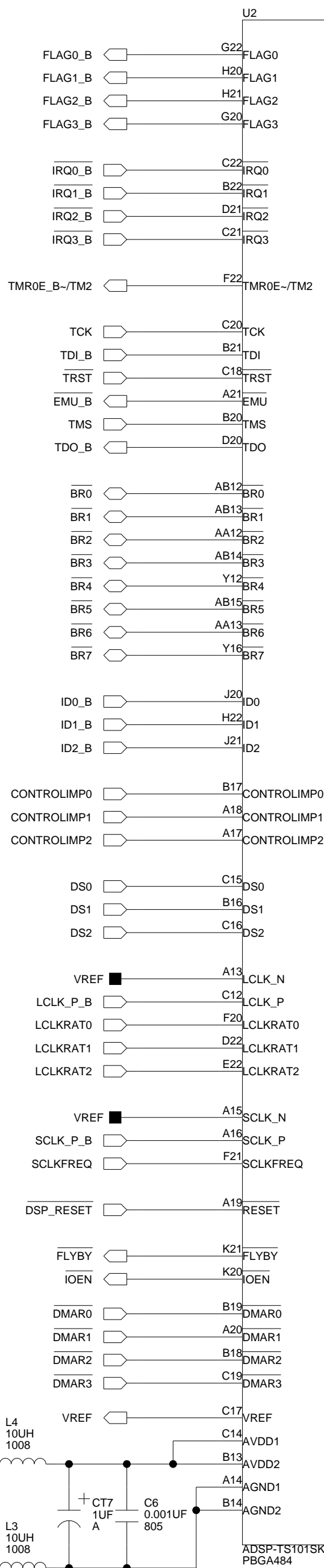
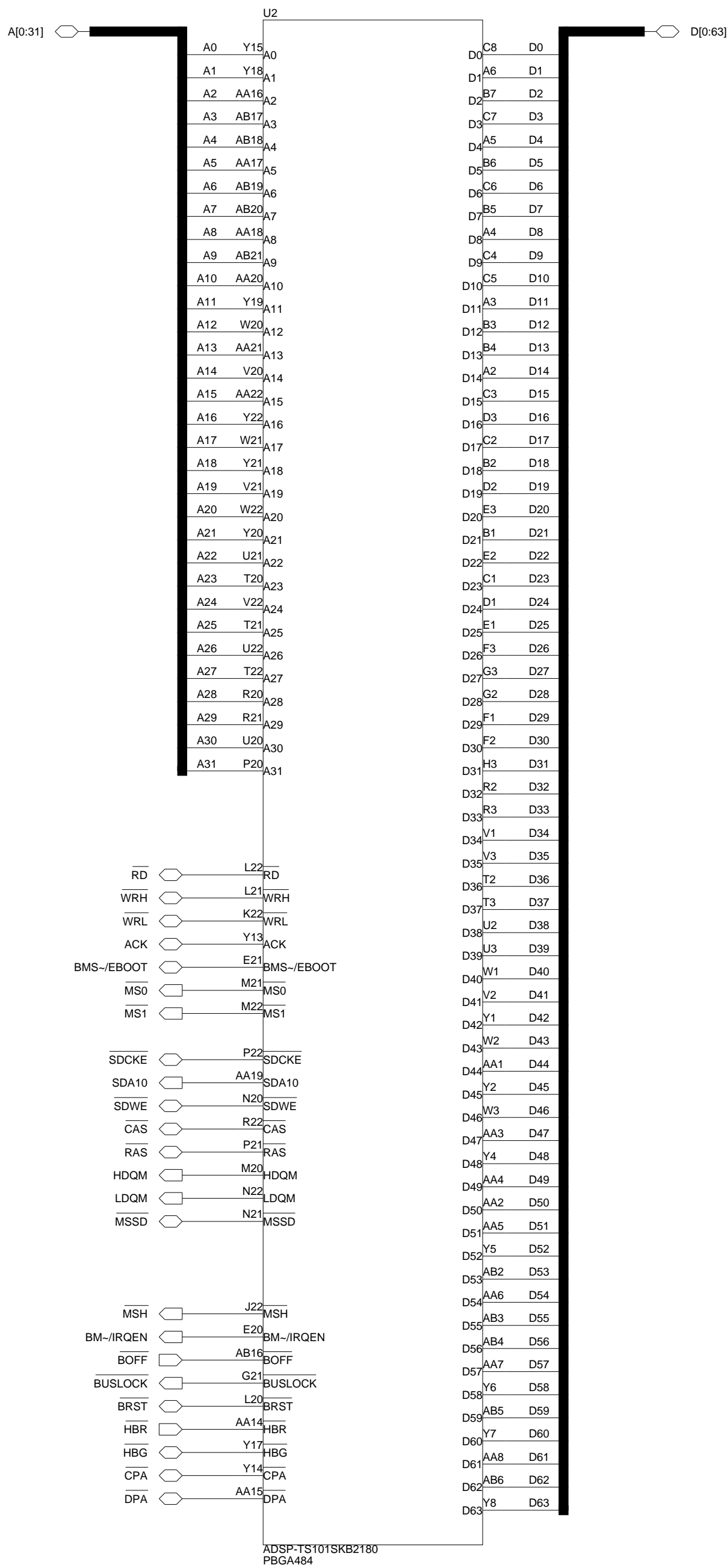
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**ANALOG
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20 Cotton Road
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Approvals		Date		Title		
Drawn				ADSP-TS101 EZ-KIT LITE - DSP B		
Checked				Size C	Board No.	Rev
Engineering					A0163-2001	1.5
Date		7-23-2003_14:06			Sheet	3 of 13

A

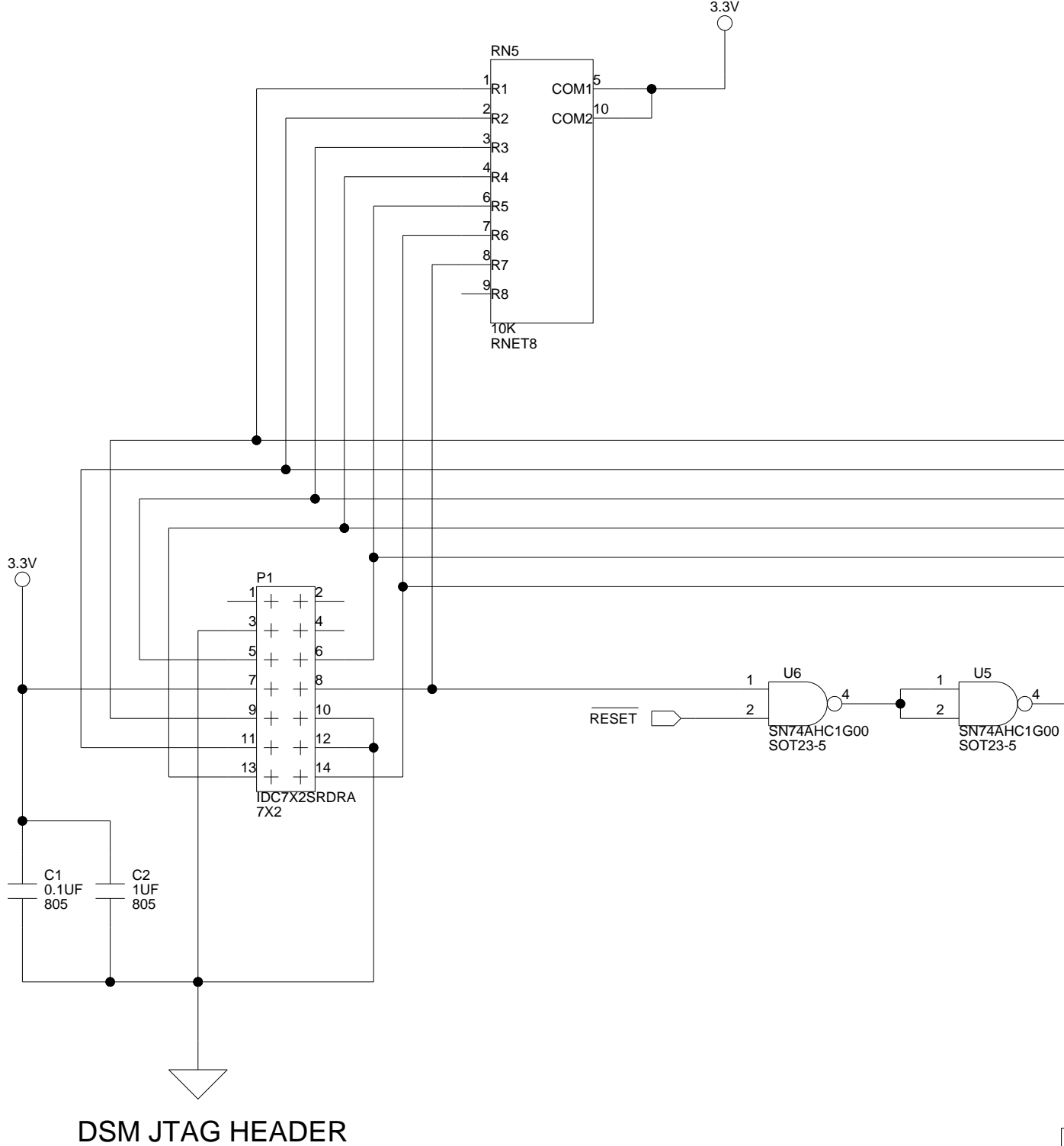
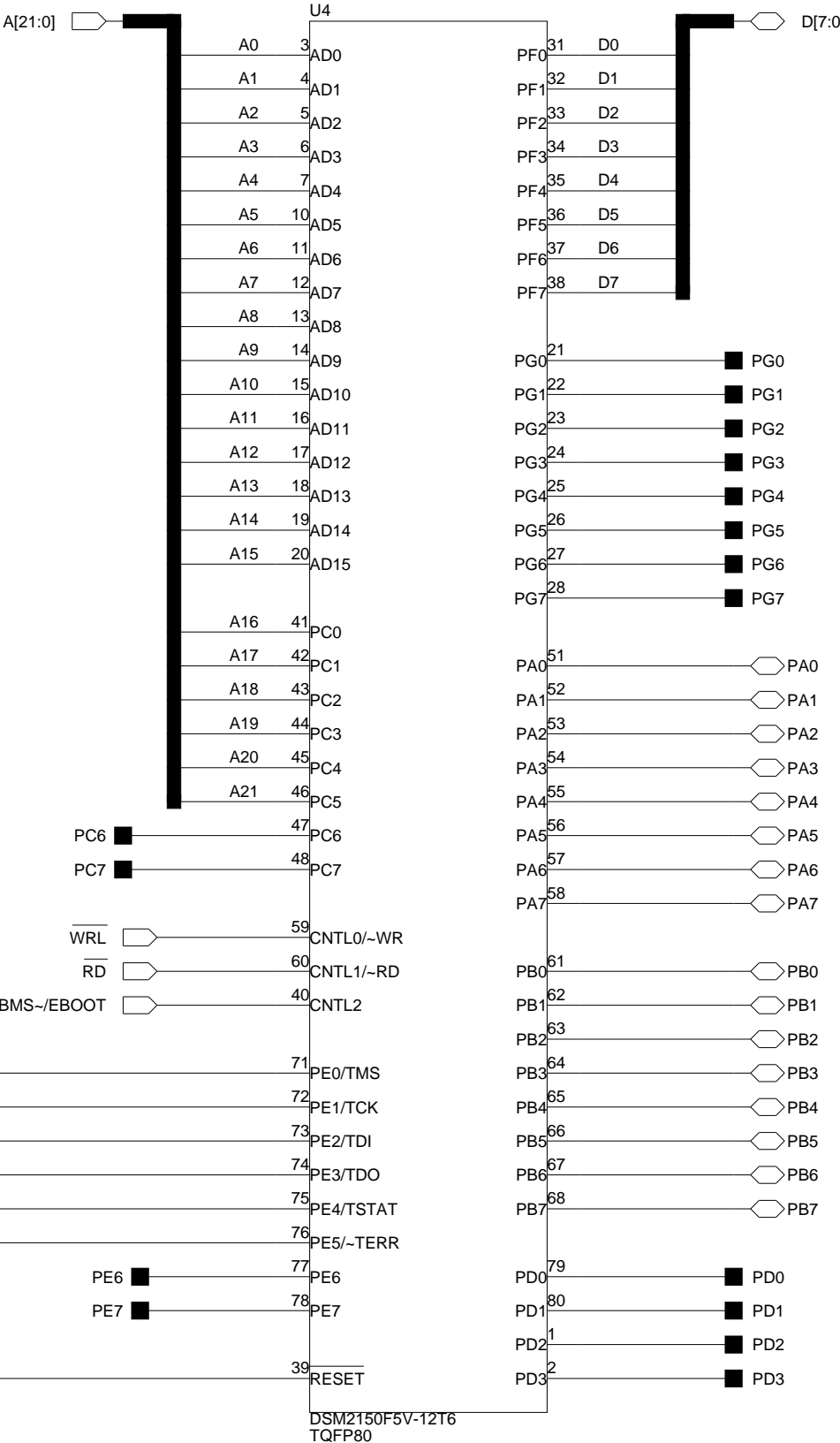
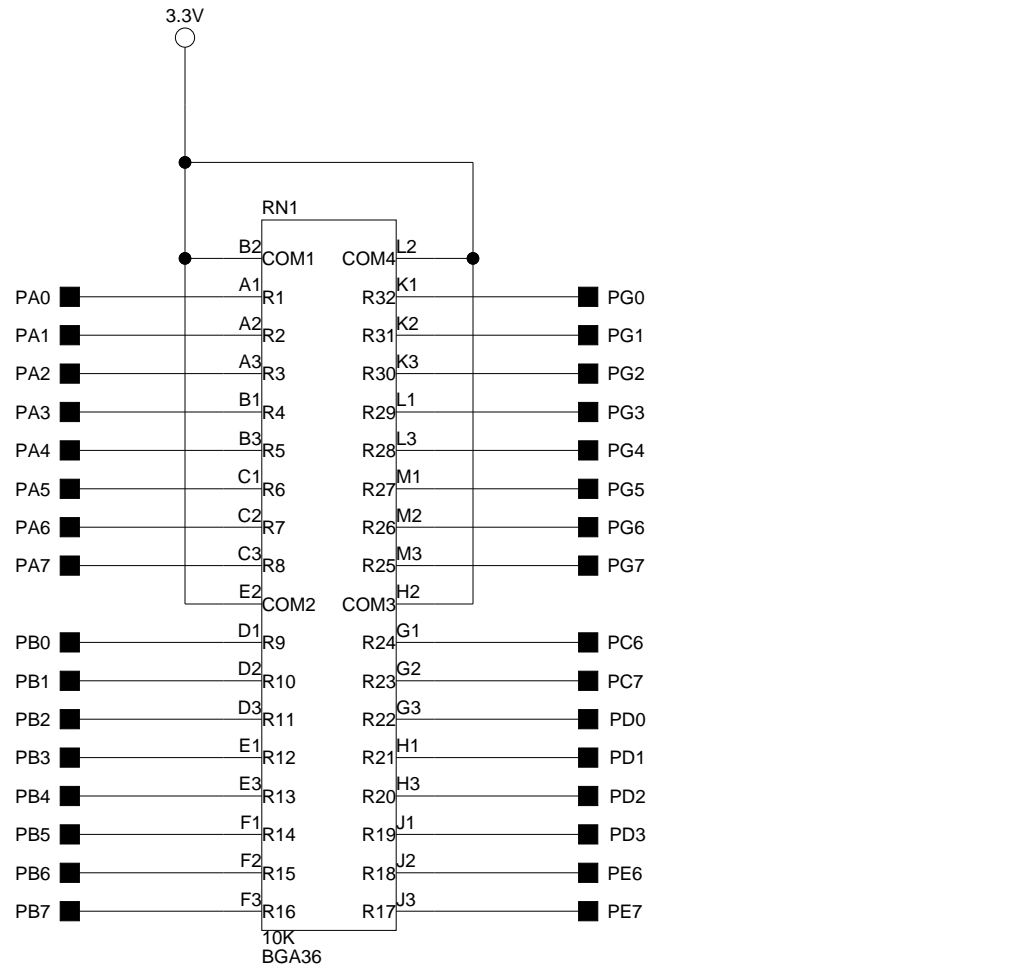
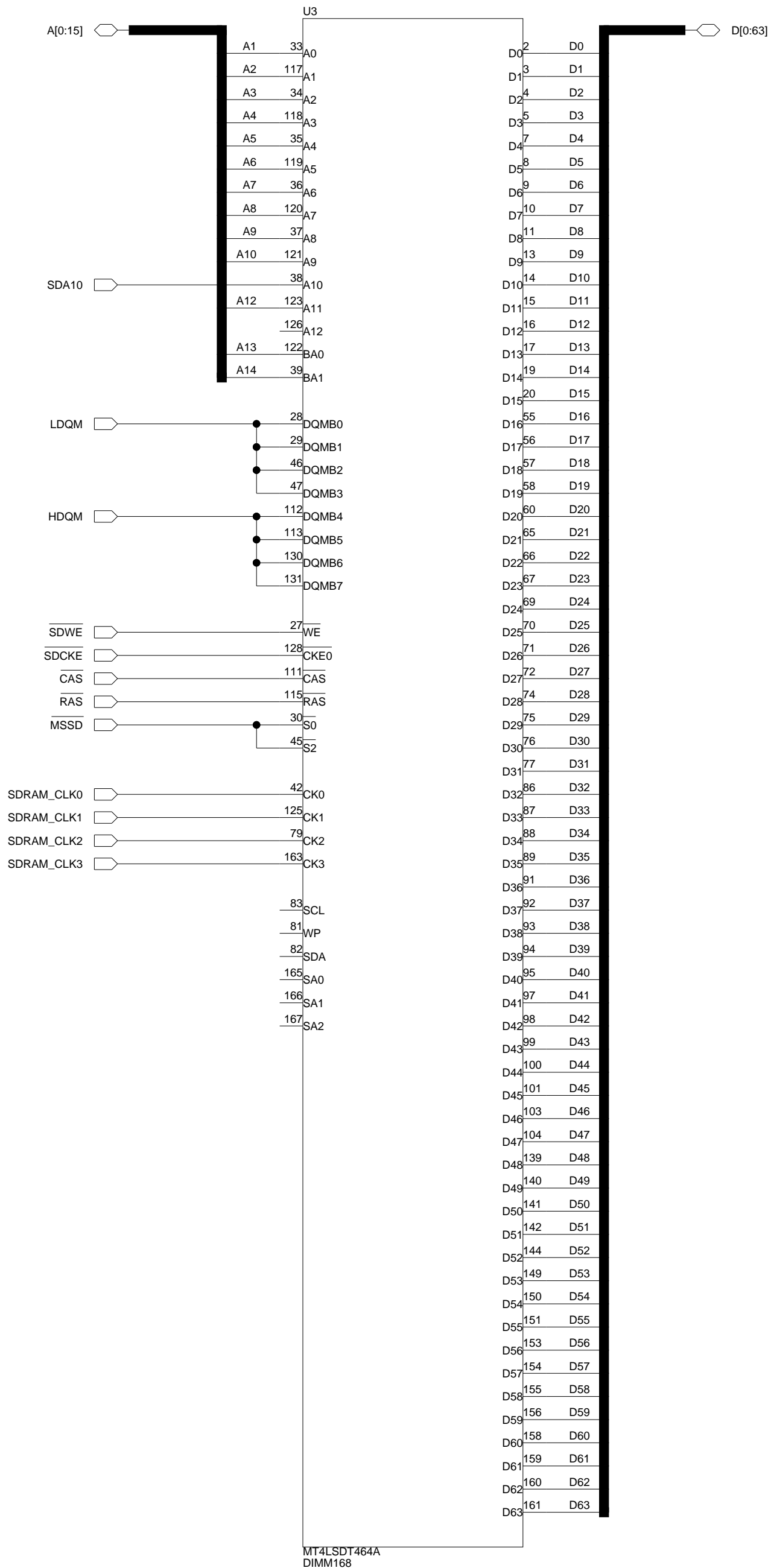
B


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4M x 64 SDRAM

512 KB MAIN FLASH
32KB SECONDARY FLASH





**ANALOG
DEVICES**

20 Cotton Road
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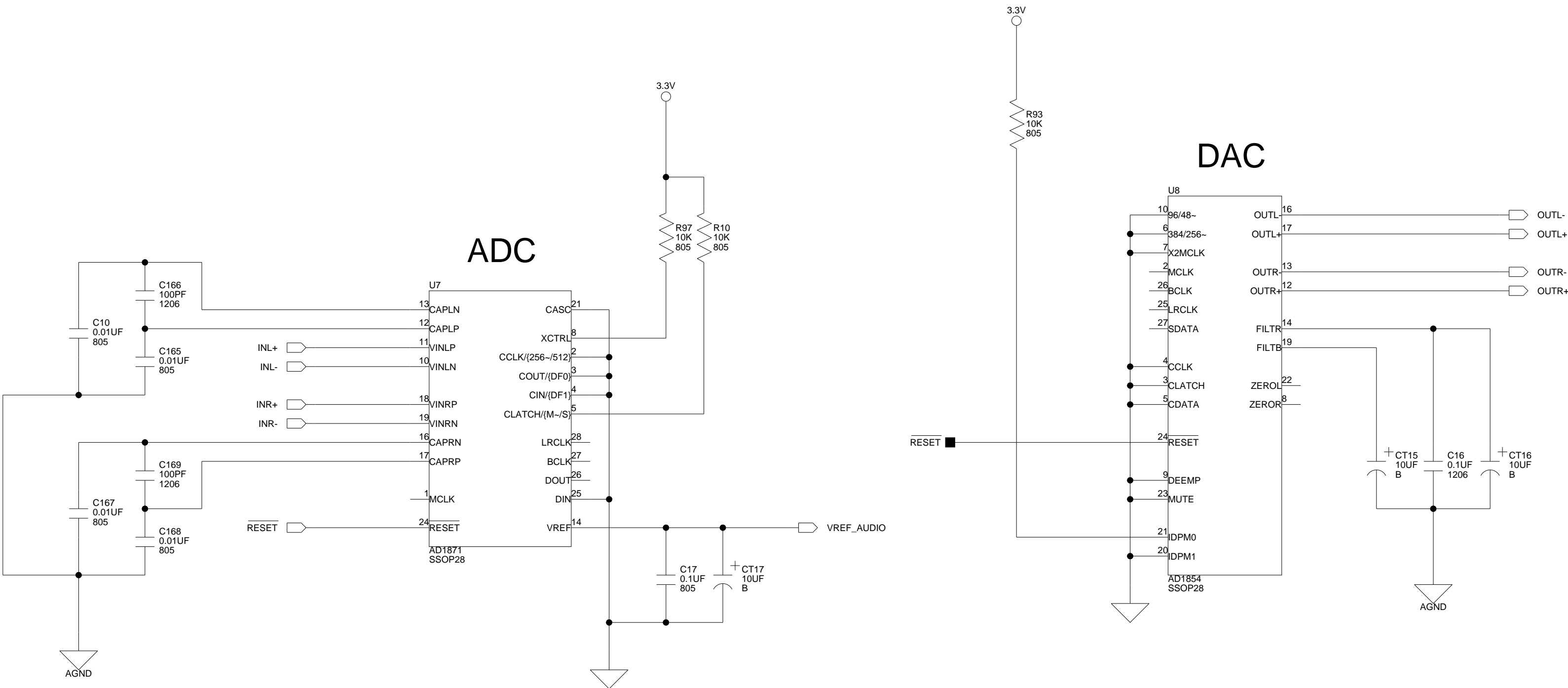
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		Date	7-23-2003_14:07		Sheet	4 of 13	

A

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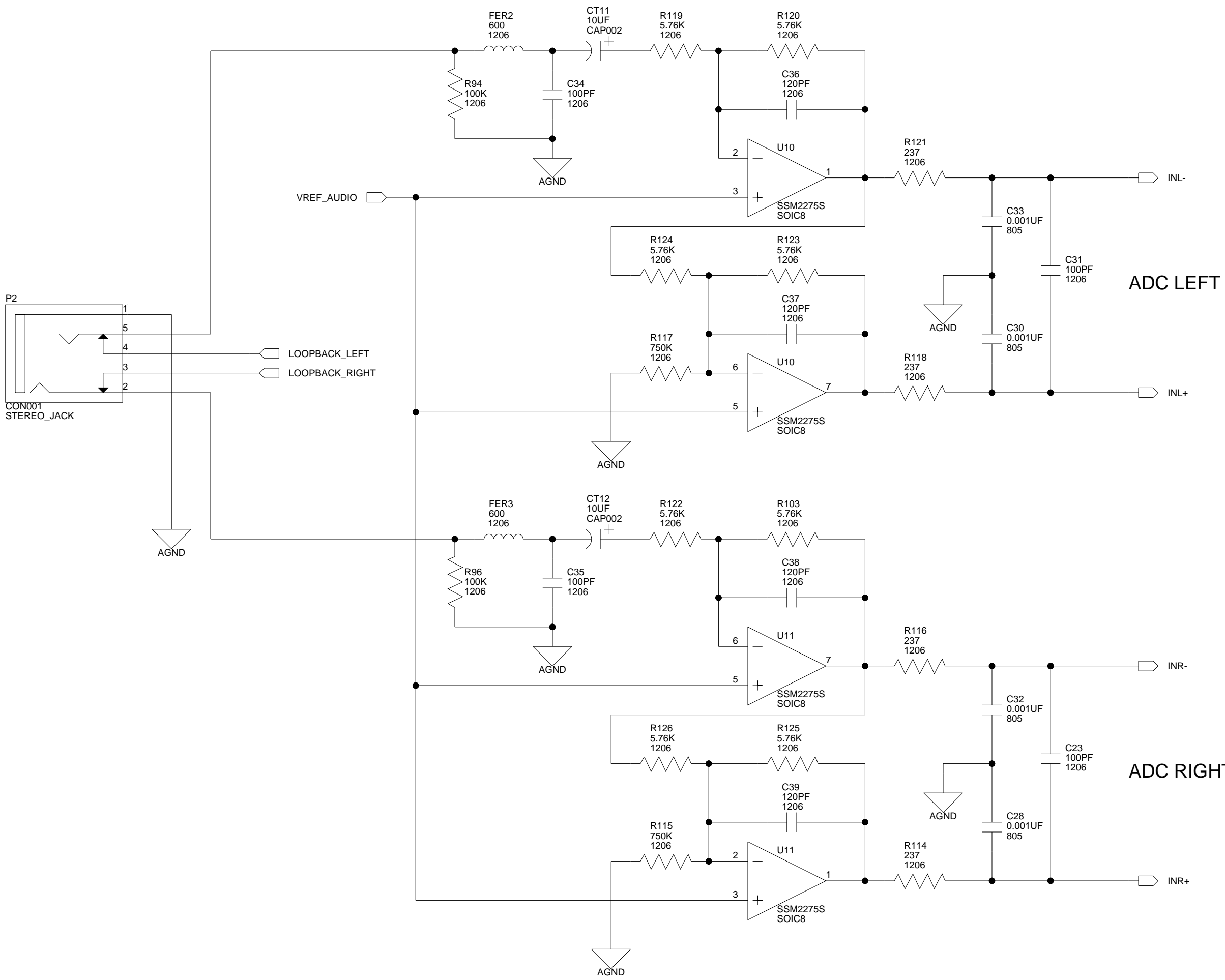
C

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SLAVE MODE
MCLK IS 256 x Fs
48 KHZ SAMPLE RATE
I²S I/F MODE

<div><div></div><div><div>ANALOG</div><div>DEVICES</div></div></div> <div>20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD</div>		Title ADSP-TS101 EZ-KIT LITE - AUDIO INTERFACE	
		Size C	Board No. A0163-2001
Date 7-29-2003_14:09		Rev 1.5	
Sheet 5		of 13	





**ANALOG
DEVICES**

20 Cotton Road
Nashua, NH 03063
PH: 1-800-ANALOGD

Approvals

Drawn

Checked

Engineering

Date

Title

ADSP-TS101 EZ-KIT LITE - AUDIO IN AMPLIFIERS

Size
C

Board No.

Rev

A0163-2001

1.5

Date

10-10-2002_16:30

Sheet

6 of 12

Approvals	Date
Drawn	
Checked	
Engineering	

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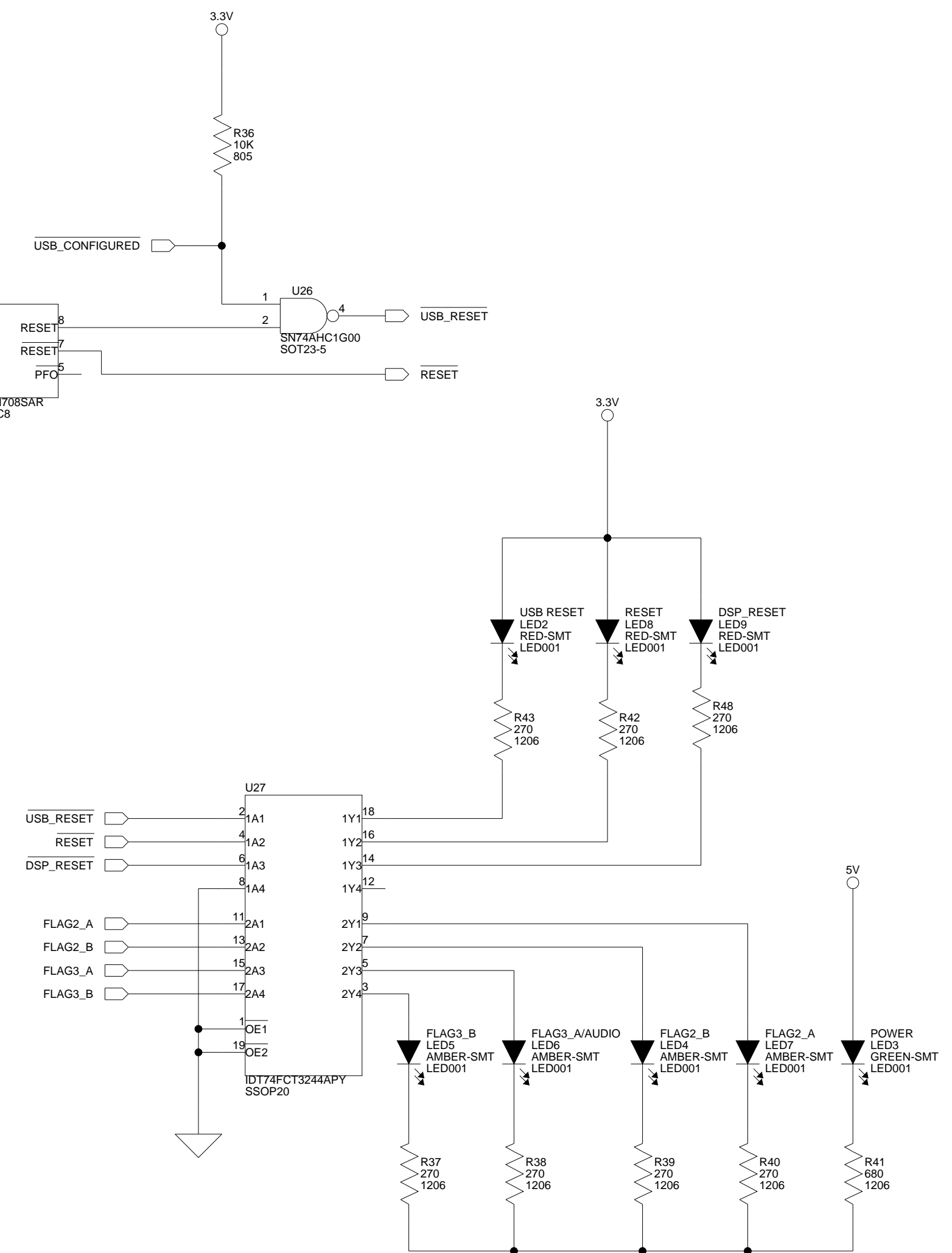
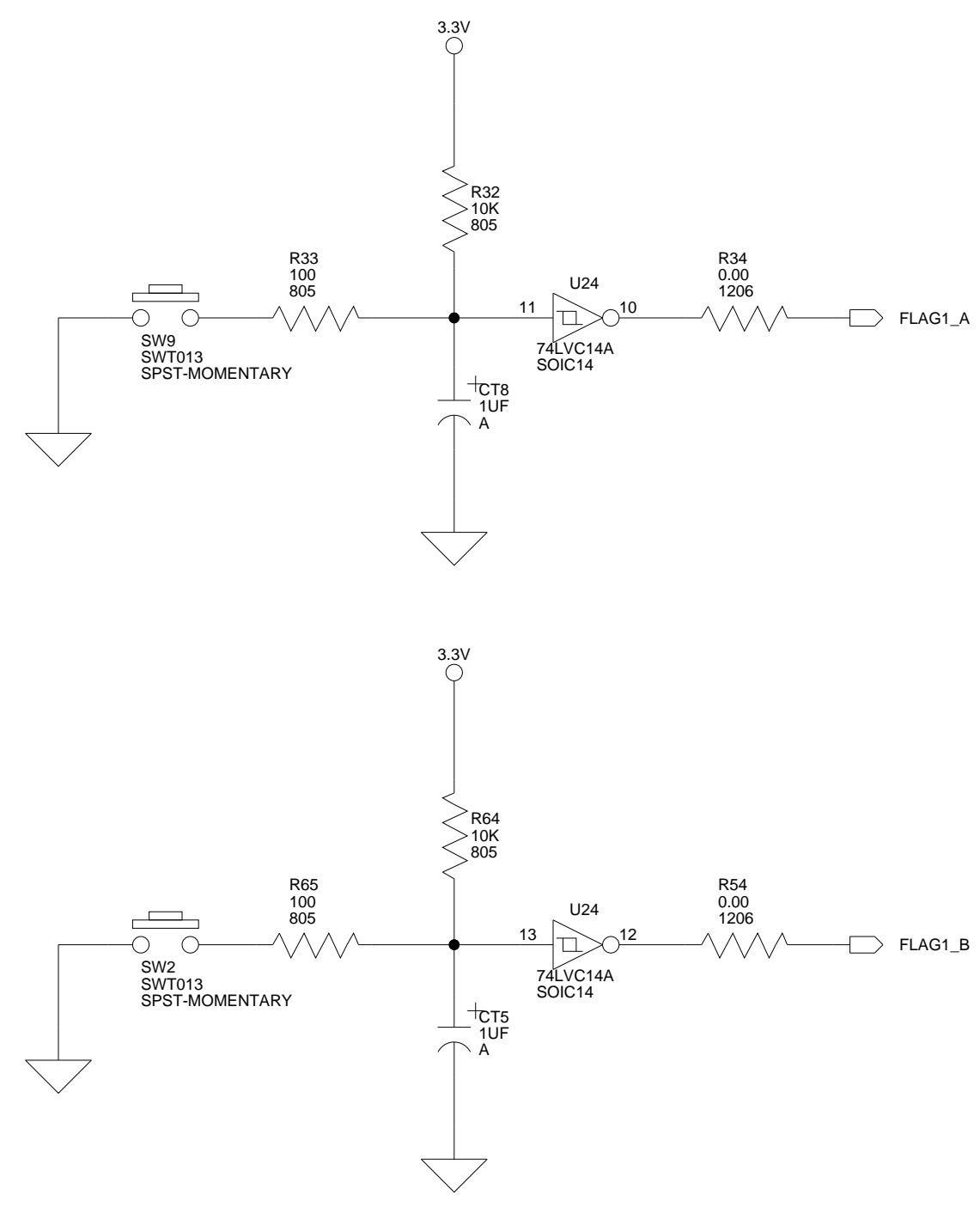
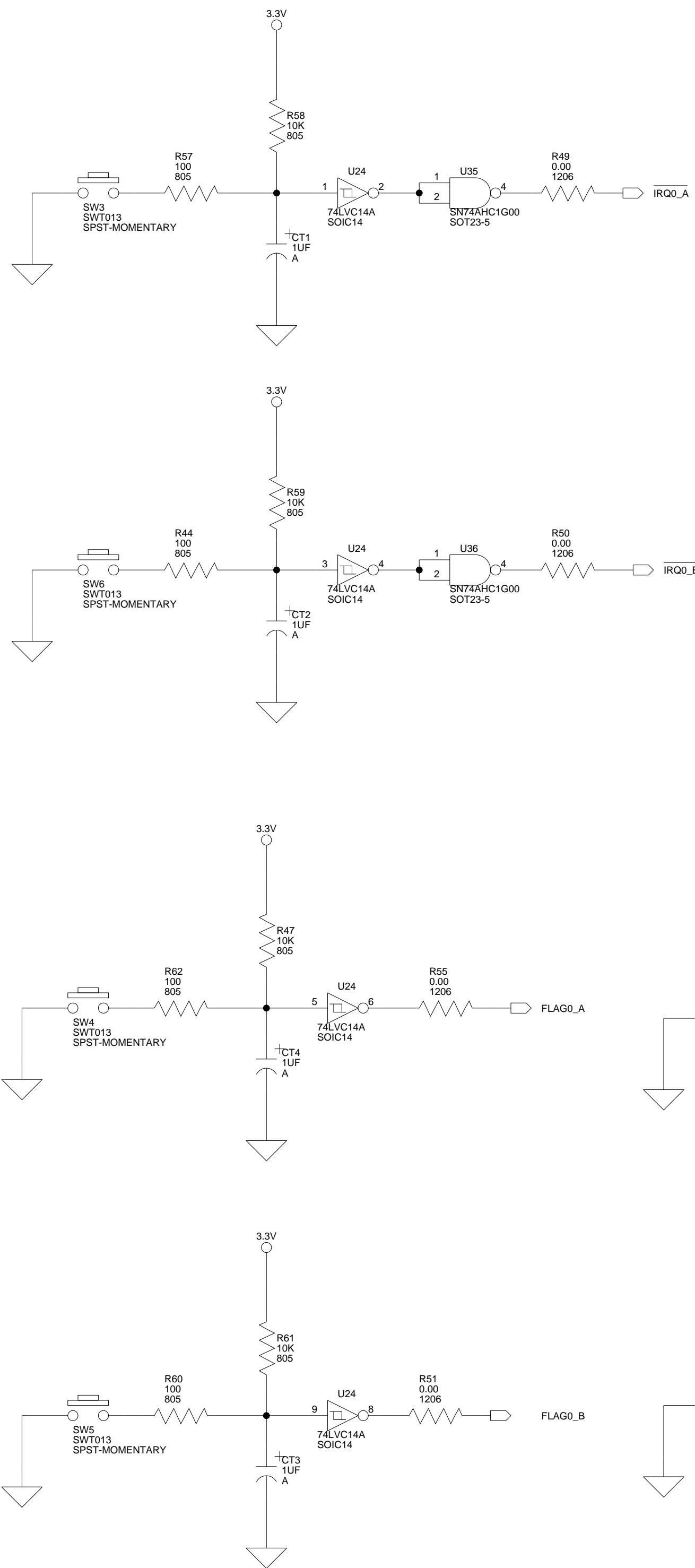
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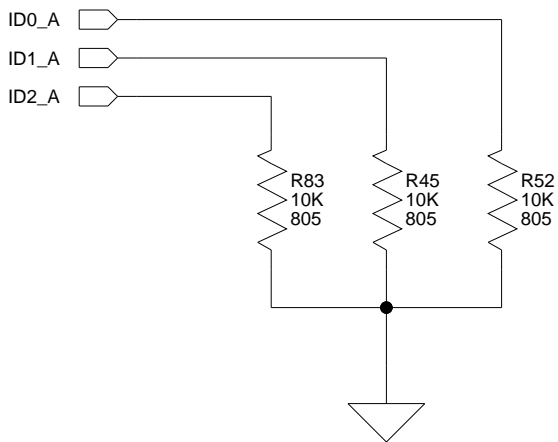
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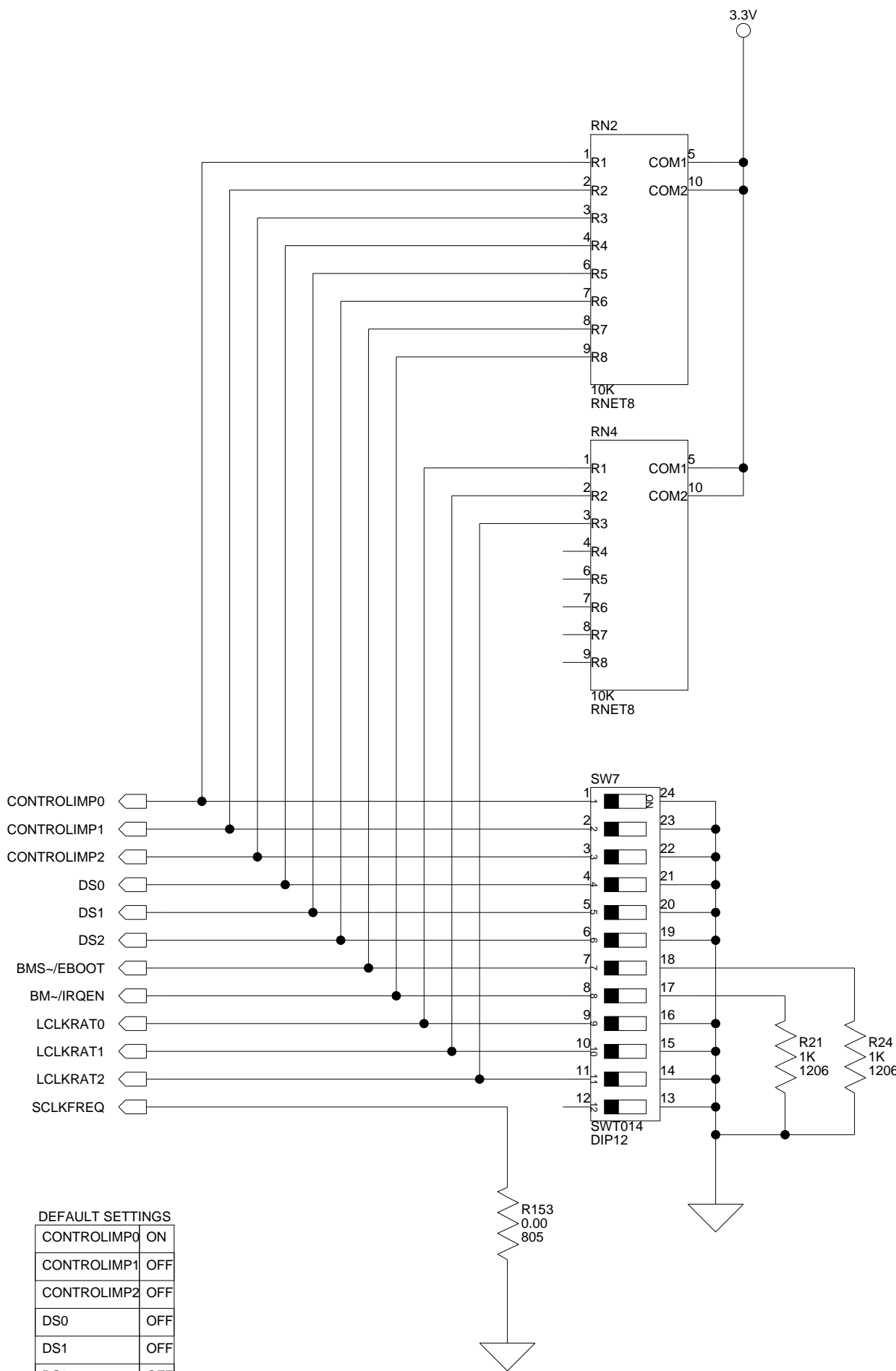
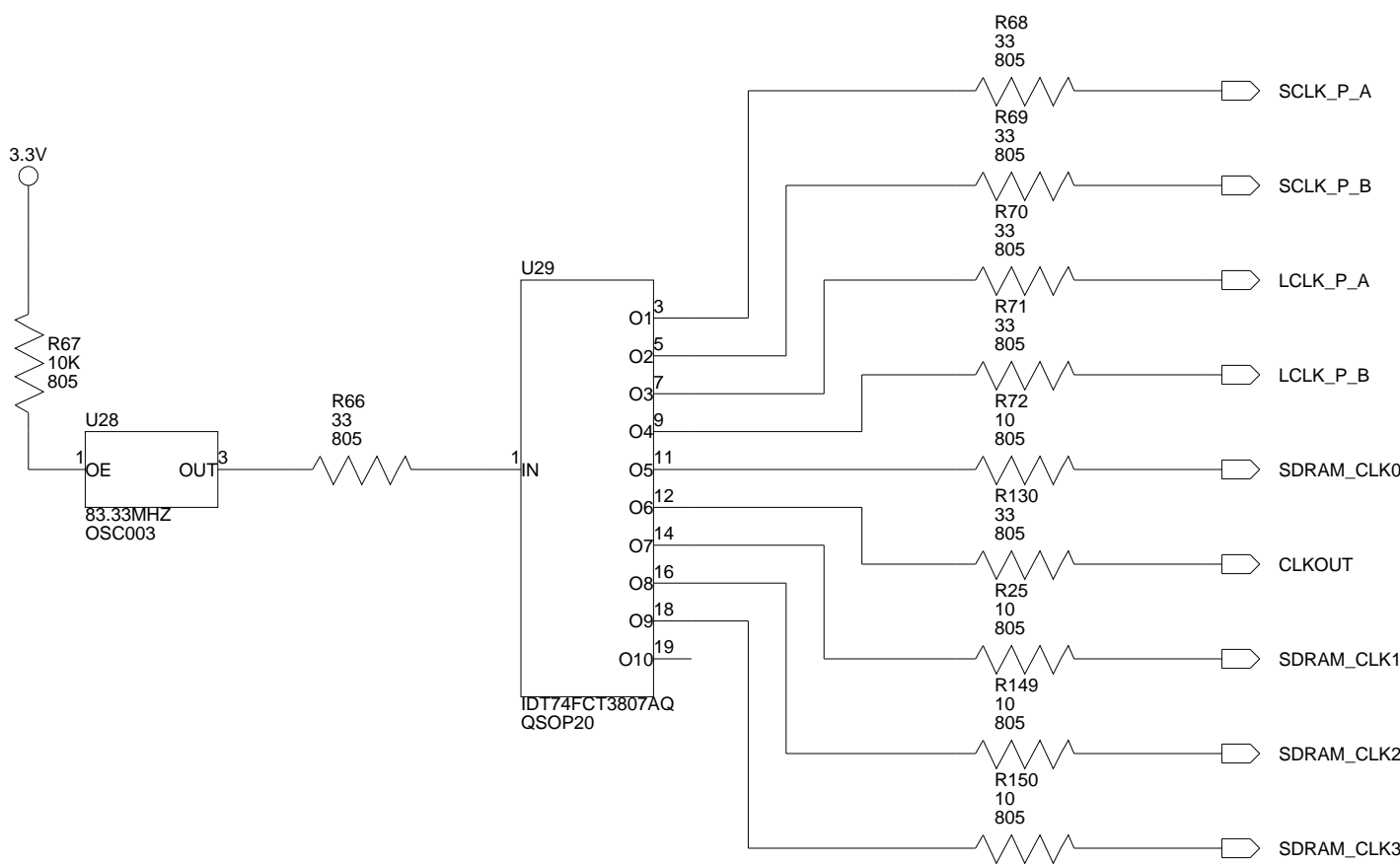
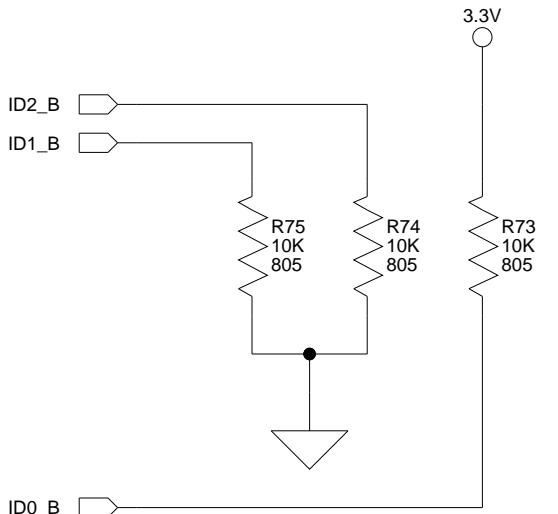


 ANALOG DEVICES		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD		
		Title ADSP-TS101 EZ-KIT LITE - PUSH BUTTONS & LEDS		
Approvals	Date	Size C	Board No. A0163-2001	Rev 1.5
Drawn				
Checked				
Engineering		Date 10-10-2002_16:30	Sheet 8 of 12	

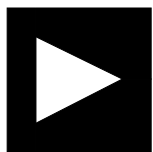
DSP_A ID = 000



DSP_B ID = 001



DEFAULT SETTINGS	
CONTROLIMP0	ON
CONTROLIMP1	OFF
CONTROLIMP2	OFF
DS0	OFF
DS1	OFF
DS2	OFF
BMS-	ON
BM-	ON
LCLKRAT0	ON
LCLKRAT1	OFF
LCLKRAT2	ON



**ANALOG
DEVICES**

20 Cotton Road
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Approvals		Date	Title ADSP-TS101 EZ-KIT LITE - CONFIGURATION		
Drawn			Size C	Board No. A0163-2001	Rev 1.5
Checked			Date 10-10-2002_16:30	Sheet 9 of 12	
Engineering					

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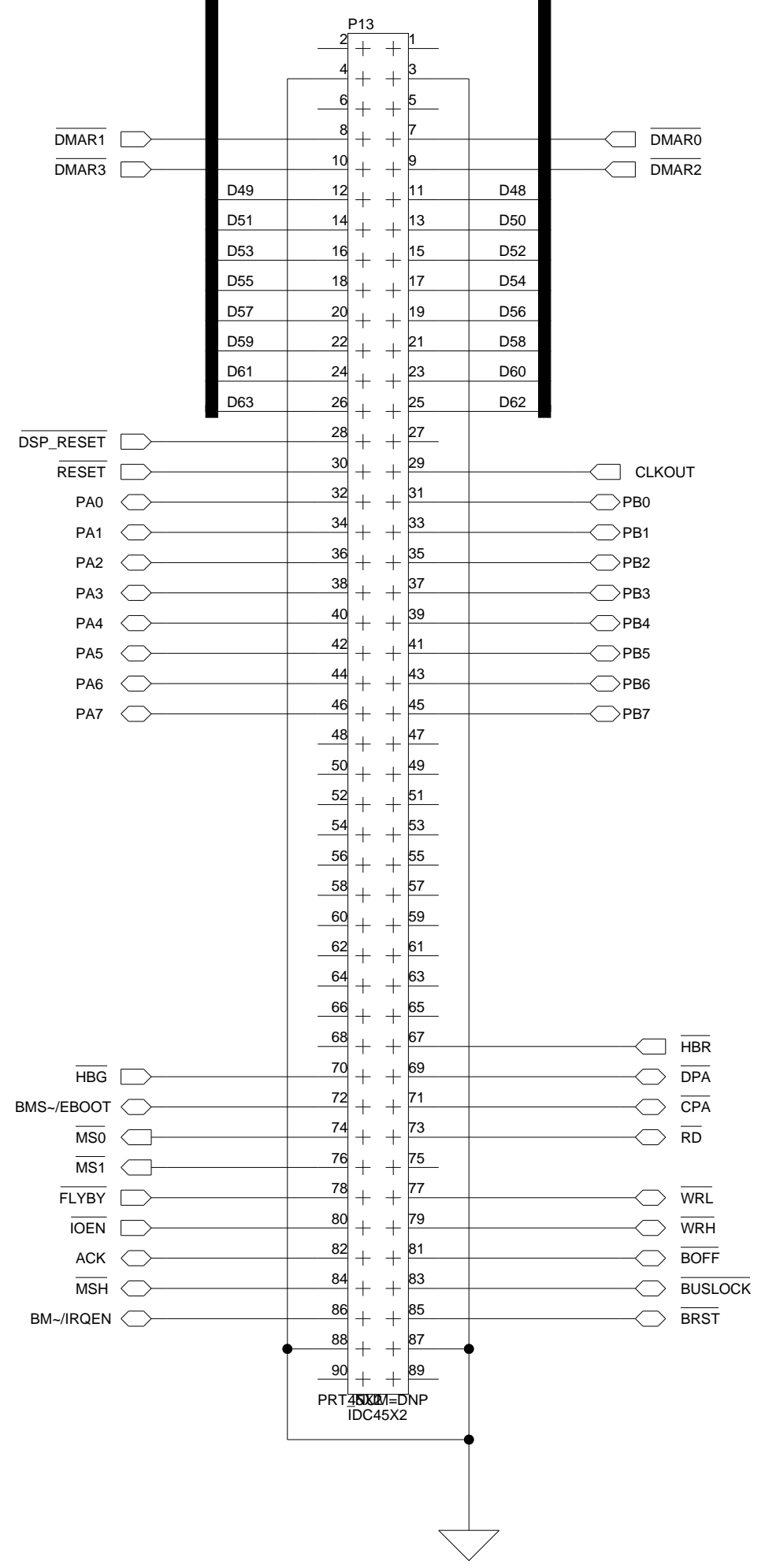
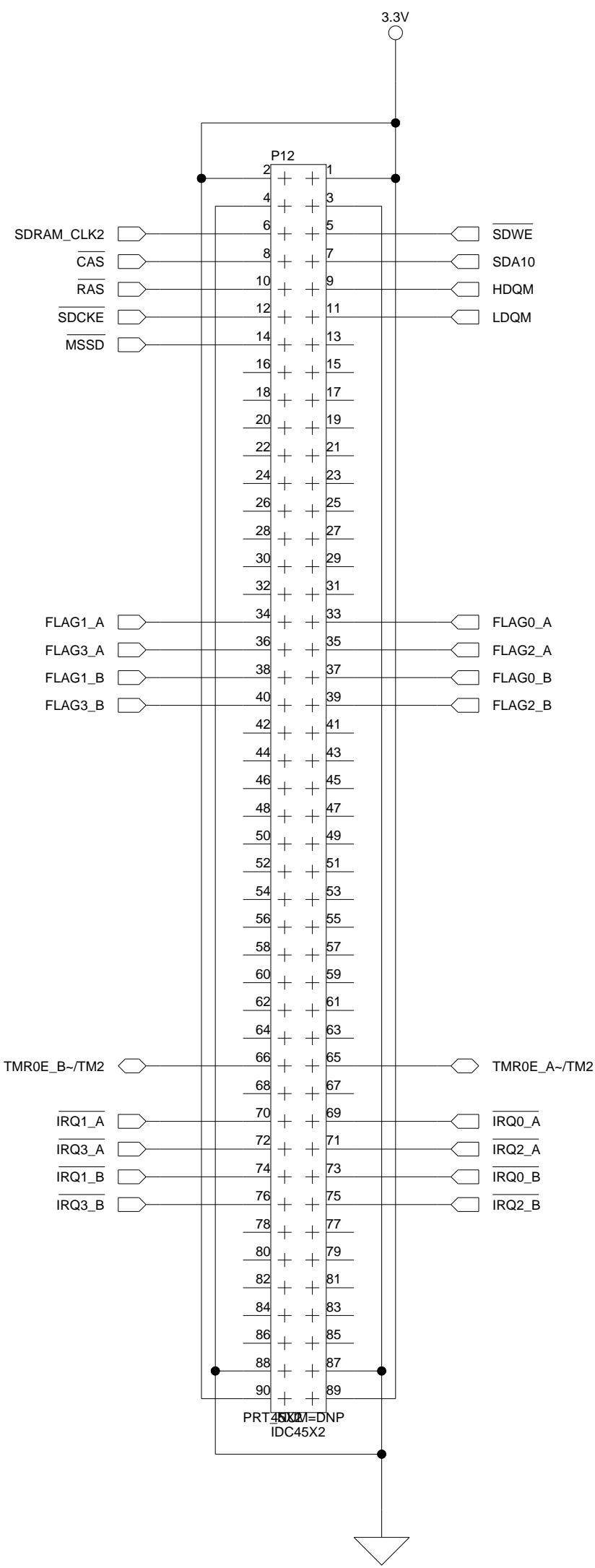
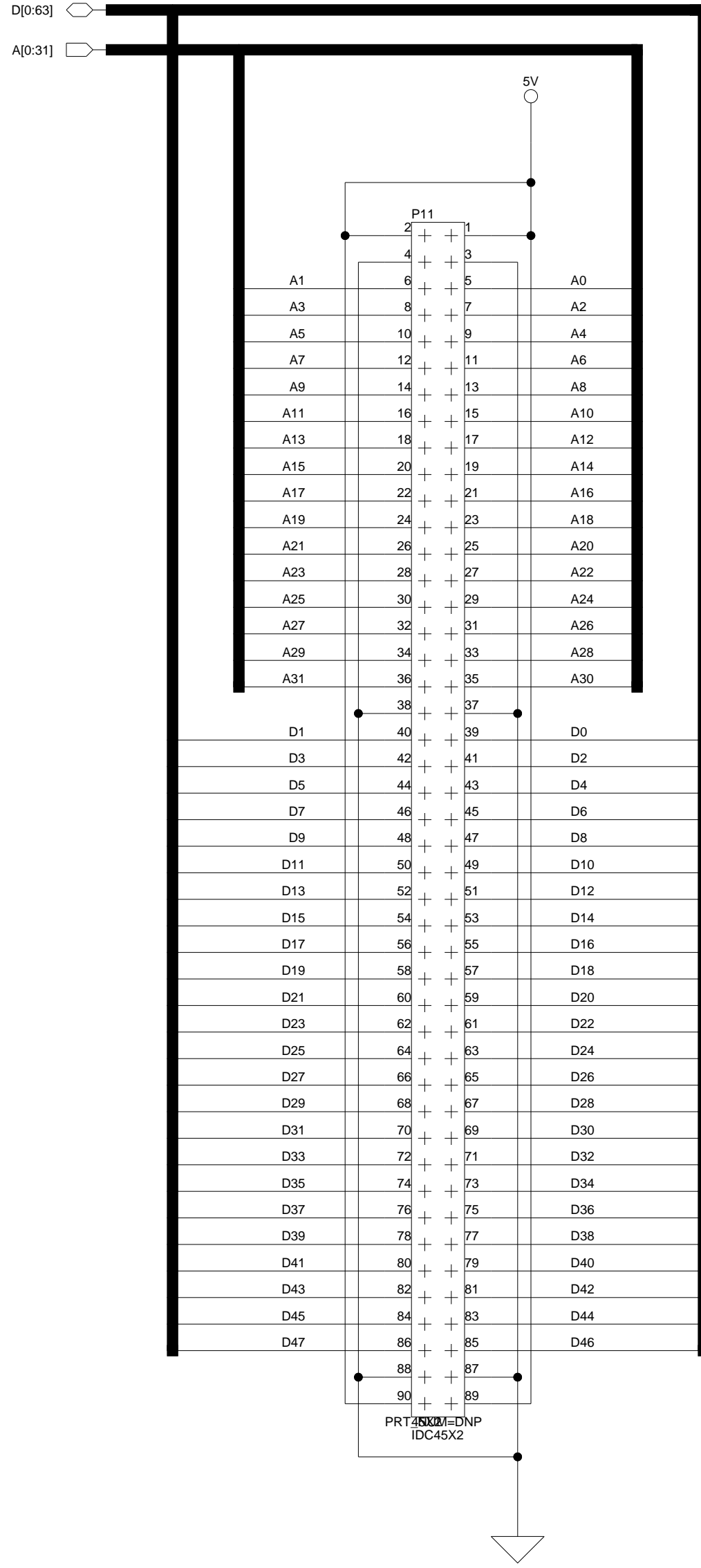
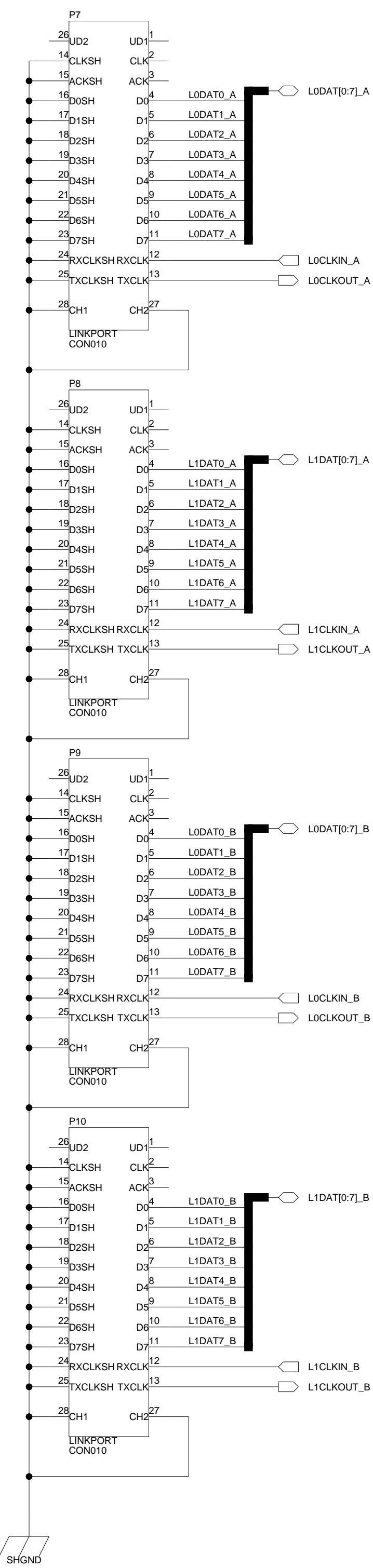
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**ANALOG
DEVICES**

20 Cotton Road
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PH: 1-800-ANALOGD

Title ADSP-TS101 EZ-KIT LITE - EXPANSION CONNECTORS	
Size C	Board No. A0163-2001
Date 7-15-2003_20:55	Rev 1.5
Sheet 10 of 12	

Approvals	Date
Drawn	
Checked	
Engineering	

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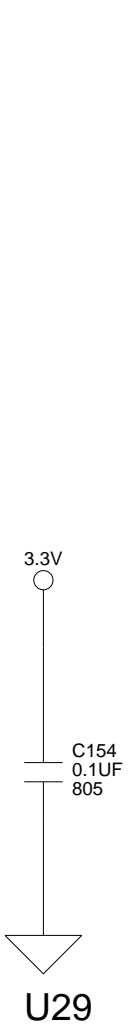
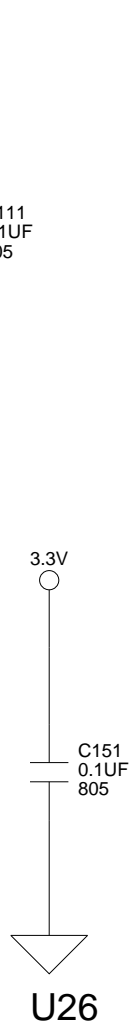
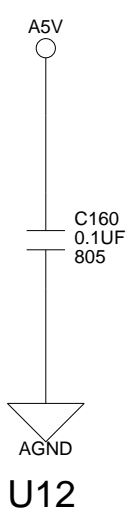
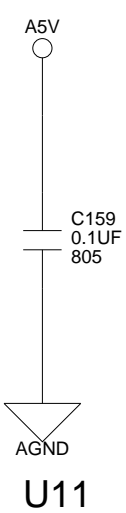
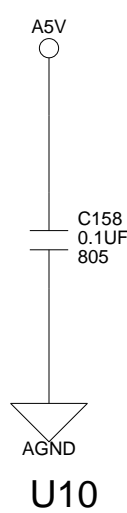
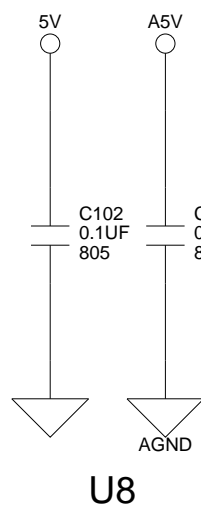
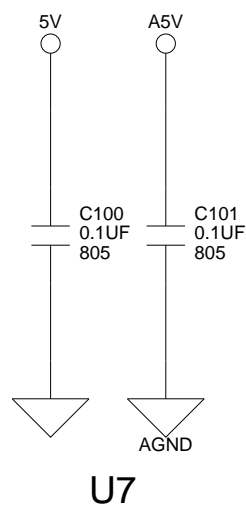
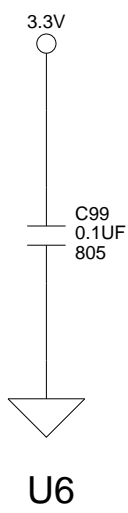
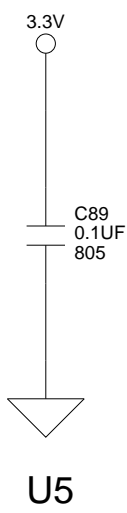
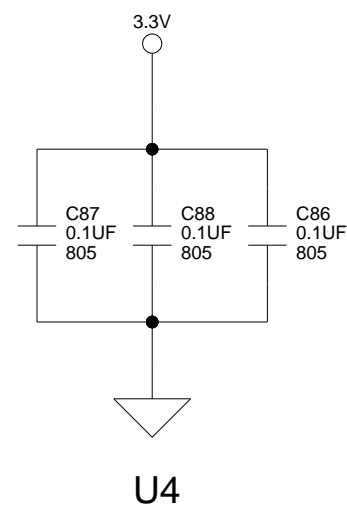
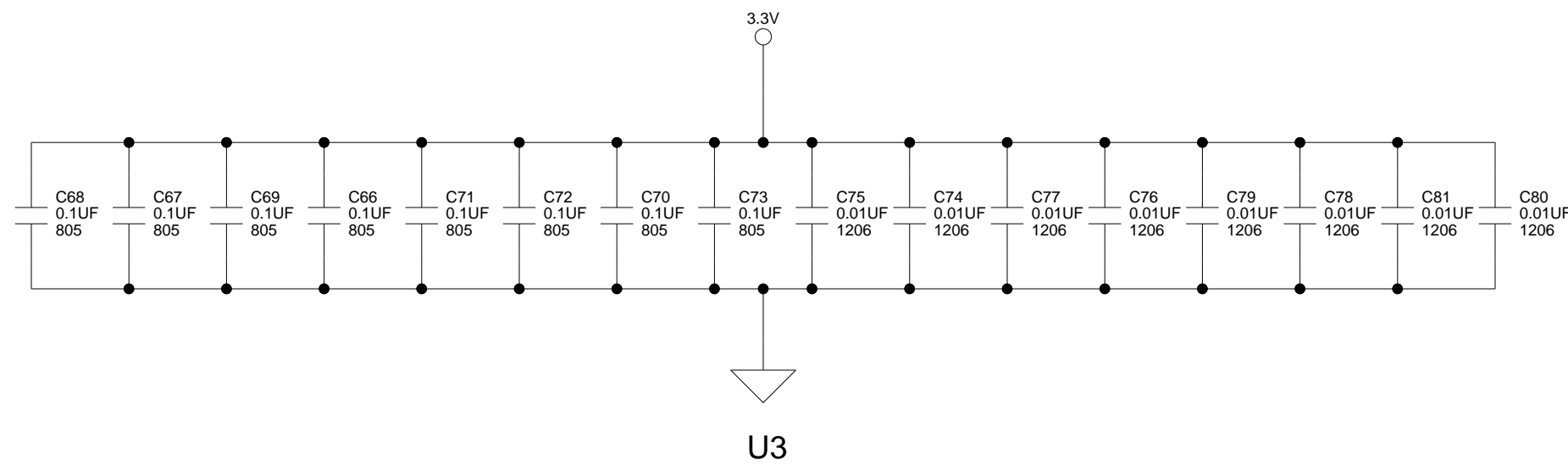
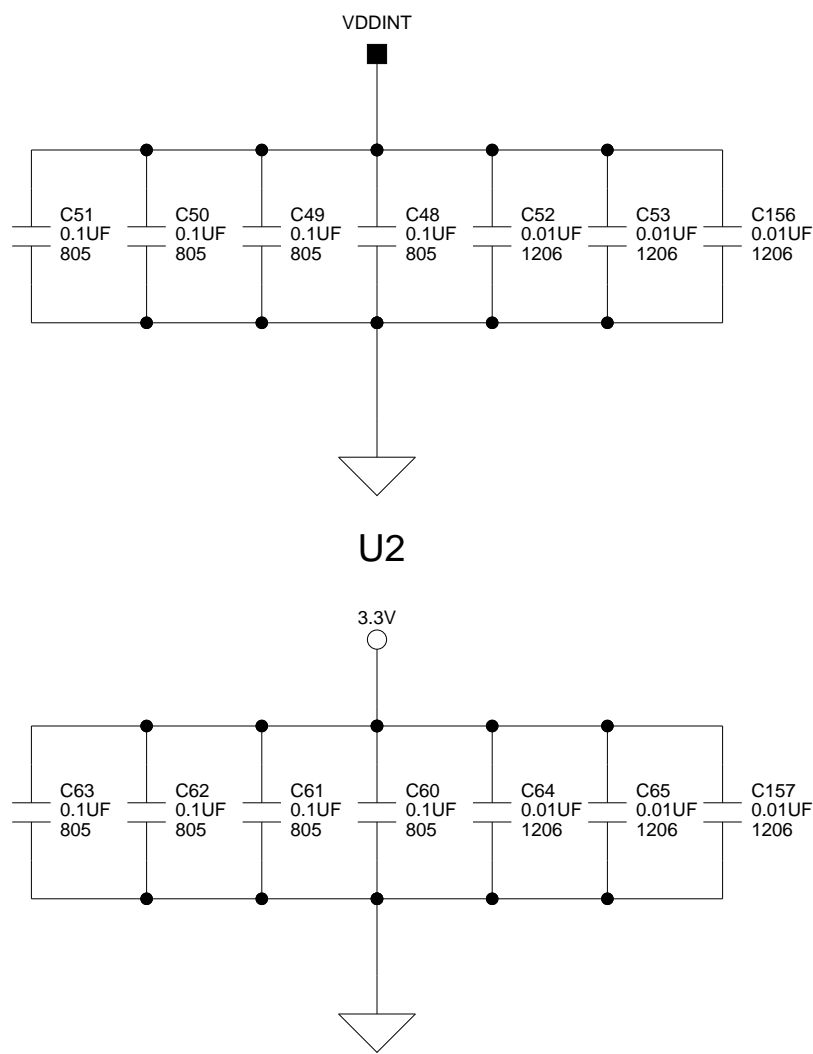
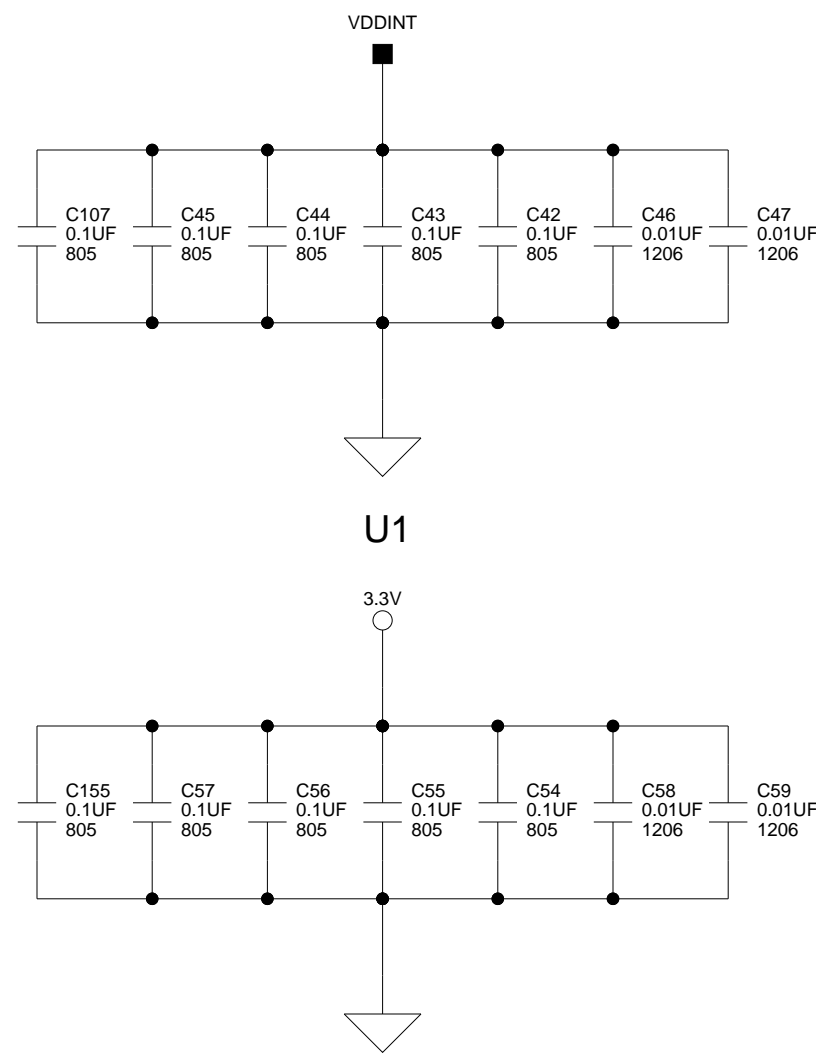
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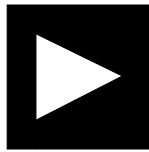
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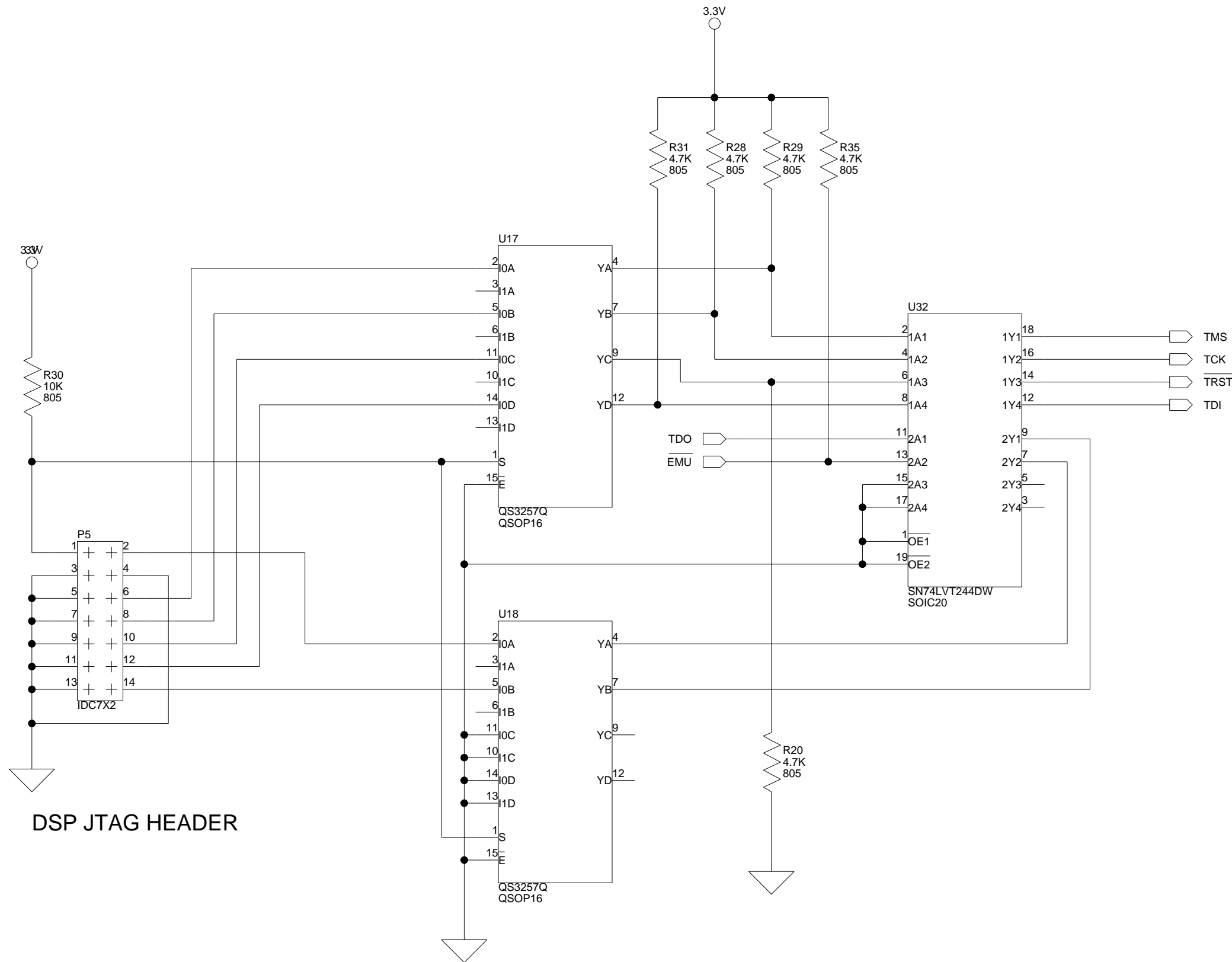
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		ANALOG DEVICES		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
Title		ADSP-TS101 EZ-KIT LITE - CAPS			
Size C	Board No.	A0163-2001		Rev 1.5	
Date	7-29-2003_14:31		Sheet	12 of	13

Approvals	Date
Drawn	
Checked	
Engineering	

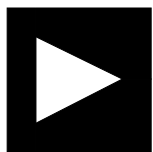


All USB interface circuitry is considered proprietary and has been omitted from this schematic

When designing your JTAG interface please refer to the Engineer to Engineer Note EE-68 which can be found at <http://www.analog.com>



MODE	R132	R133	R134
SINGLE	0 OHMS	DNP	DNP
MULTI	DNP	0 OHMS	0 OHMS



**ANALOG
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Approvals		Date
Drawn	KBG	07/15/02
Checked		
Engineering		

Title
ADSP-TS101 EZ-KIT LITE

Size	Board No.	Rev
C	A0163-2001	1.5
Date	7-23-2003_14:09	Sheet 13 of 13