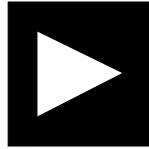
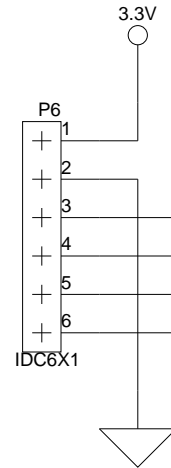


# BLACKFIN FPGA EZ-EXTENDER

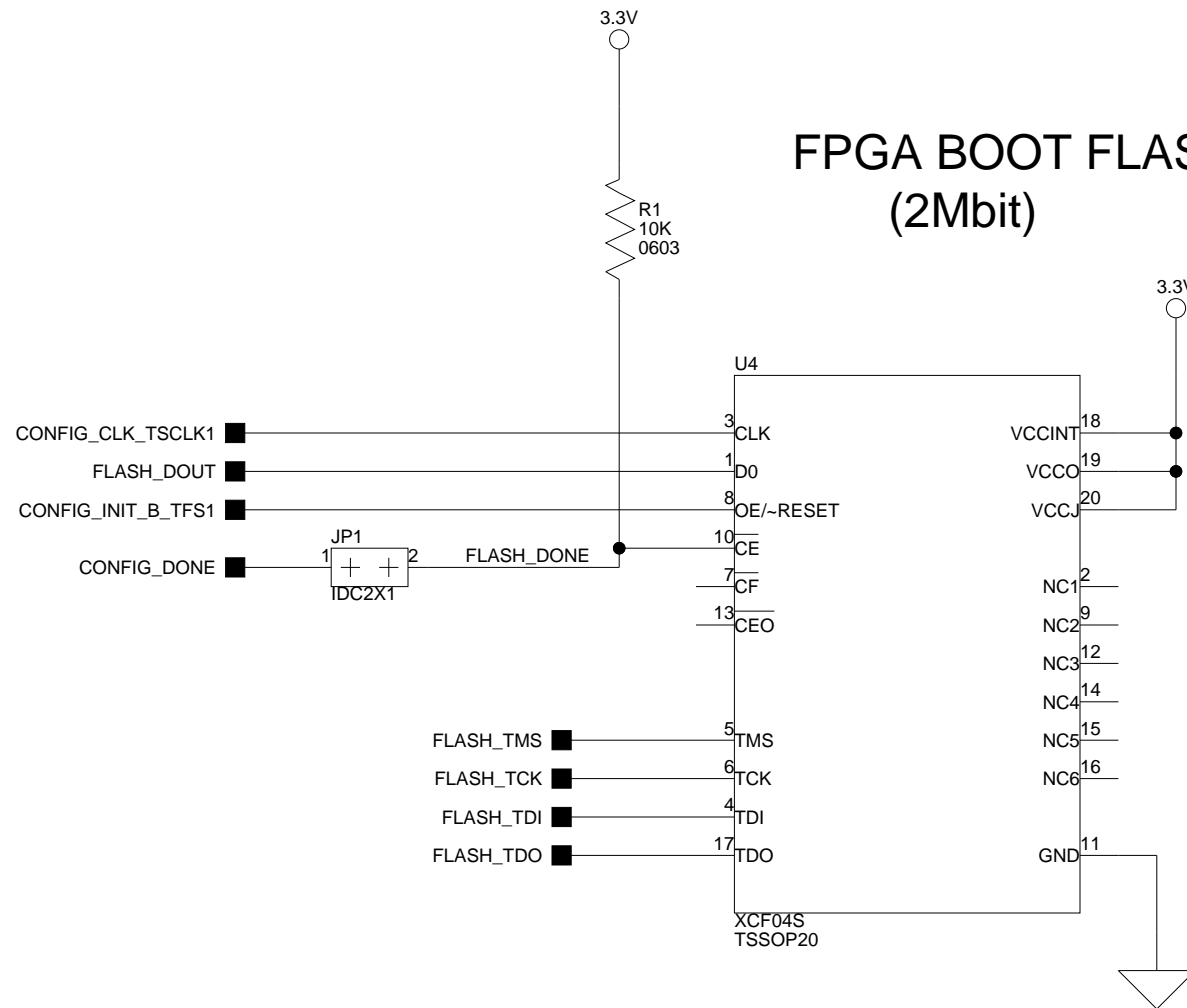
## Schematic

<div><div></div><div><div>ANALOG DEVICES</div><div>20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD</div></div></div>			
Title		BLACKFIN FPGA EZ-EXTENDER TITLE	
Size C	Board No. A0199-2005		Rev 1.0B
Date	5-4-2006_11:44		Sheet 1 of 12

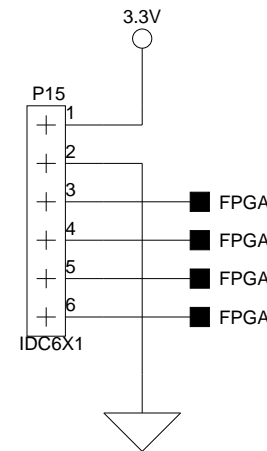
## FLASH JTAG HEADER



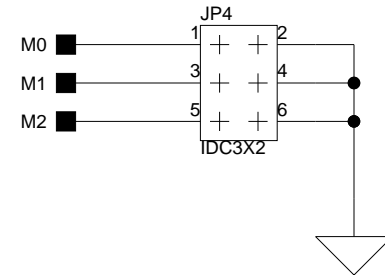
## FPGA BOOT FLASH (2Mbit)



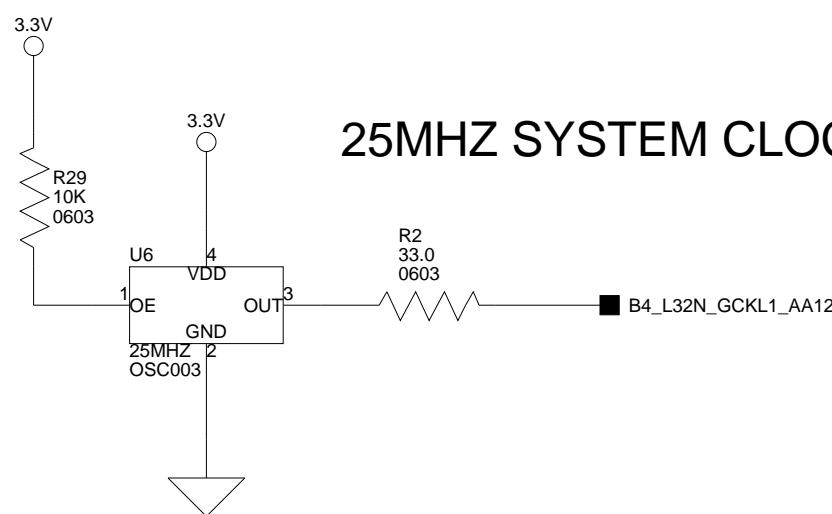
## FPGA JTAG HEADER



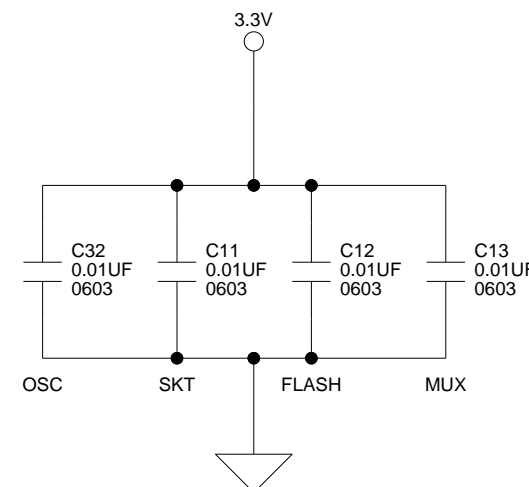
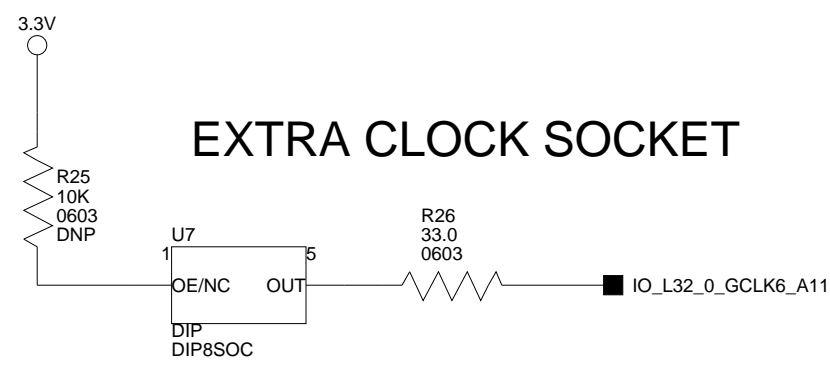
## BOOTMODE JUMPER



## 25MHZ SYSTEM CLOCK

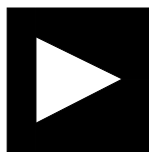
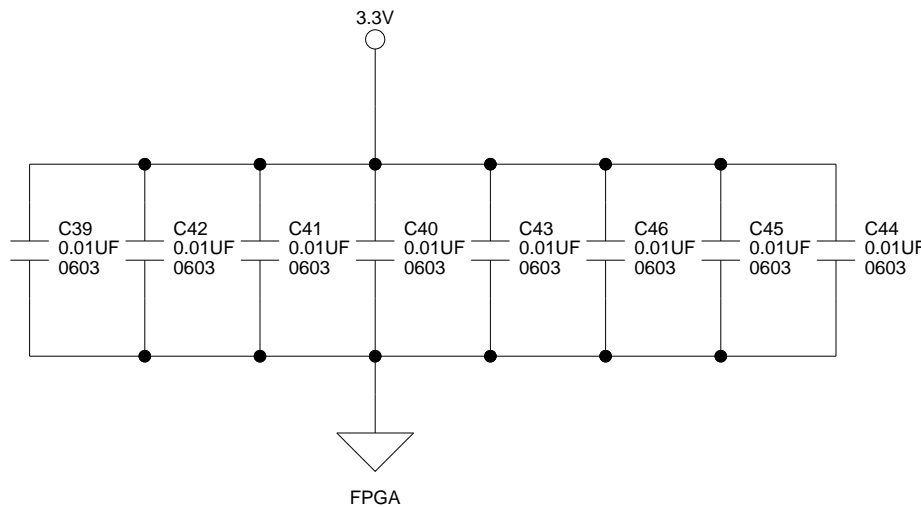
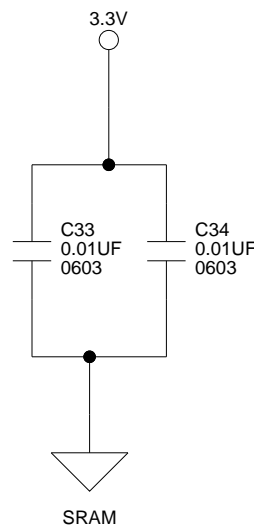
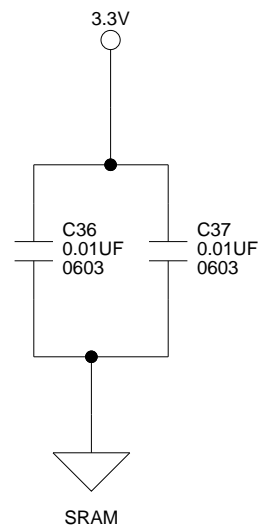
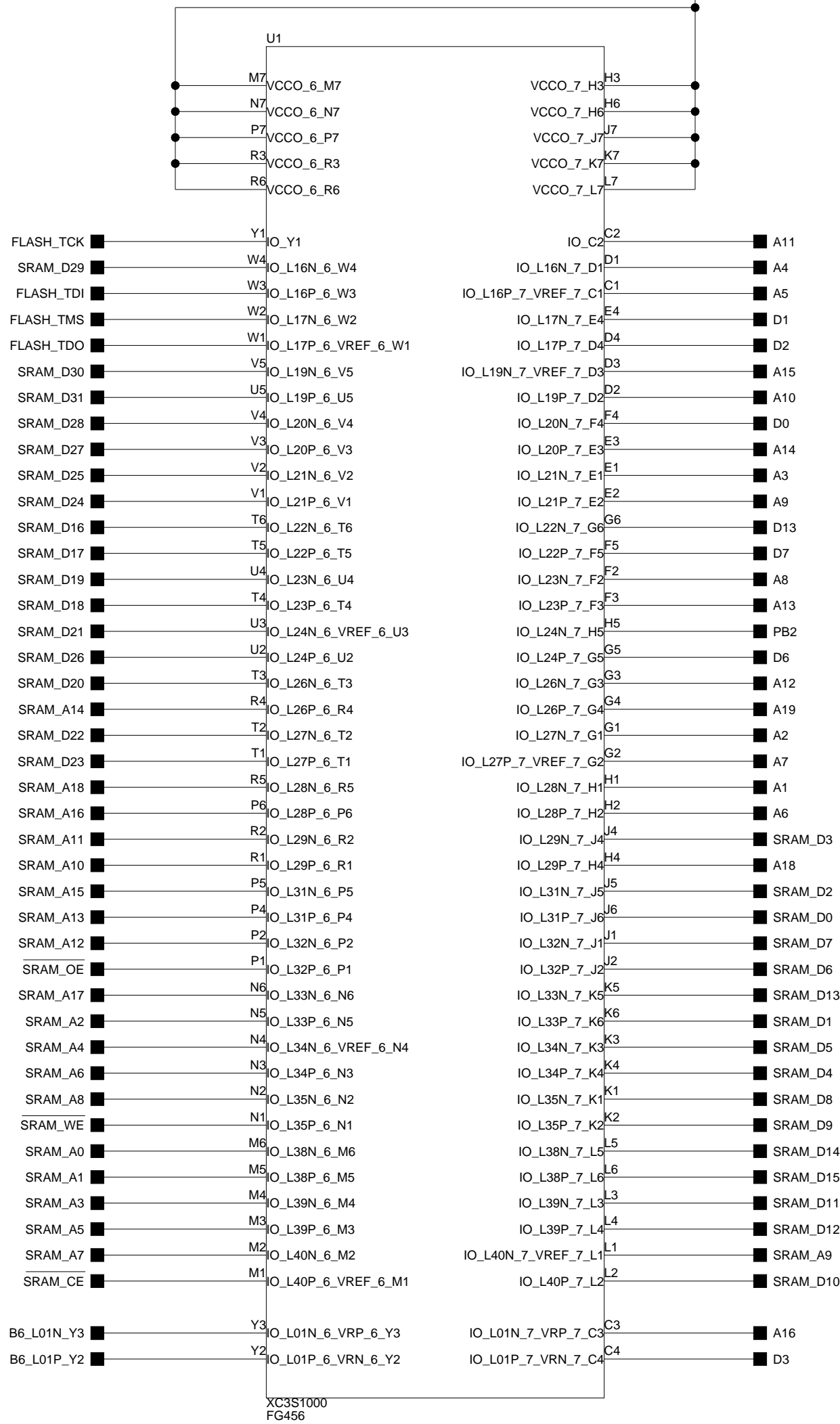
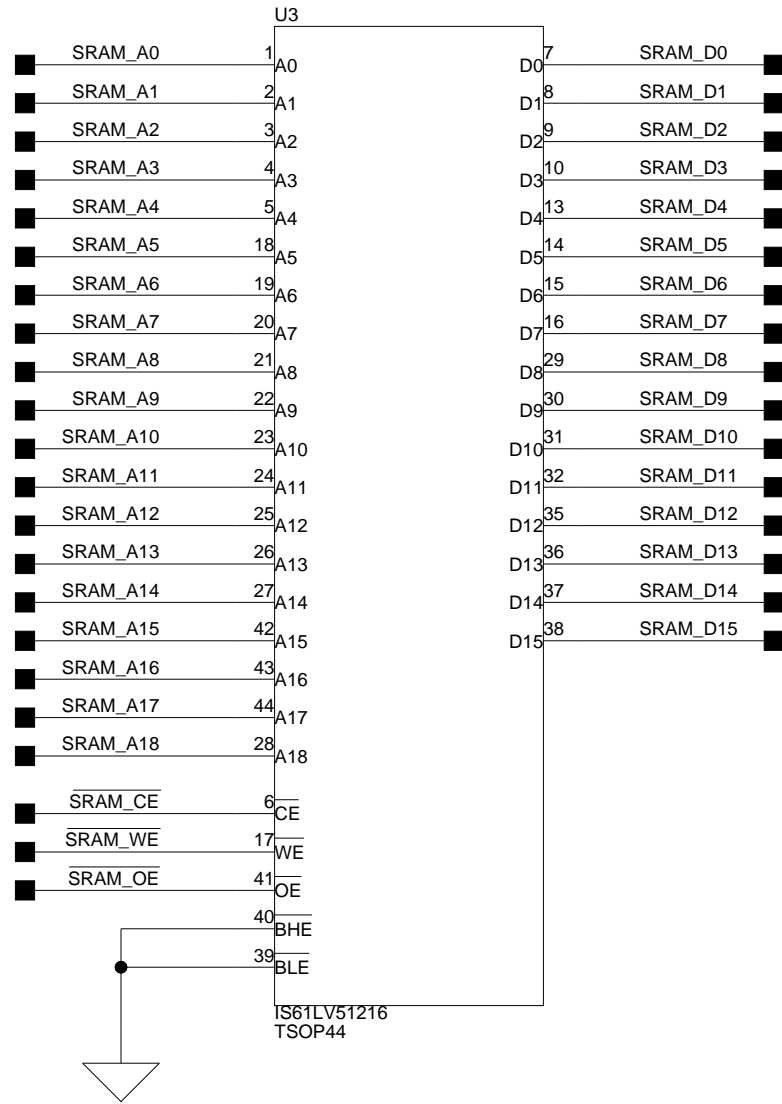
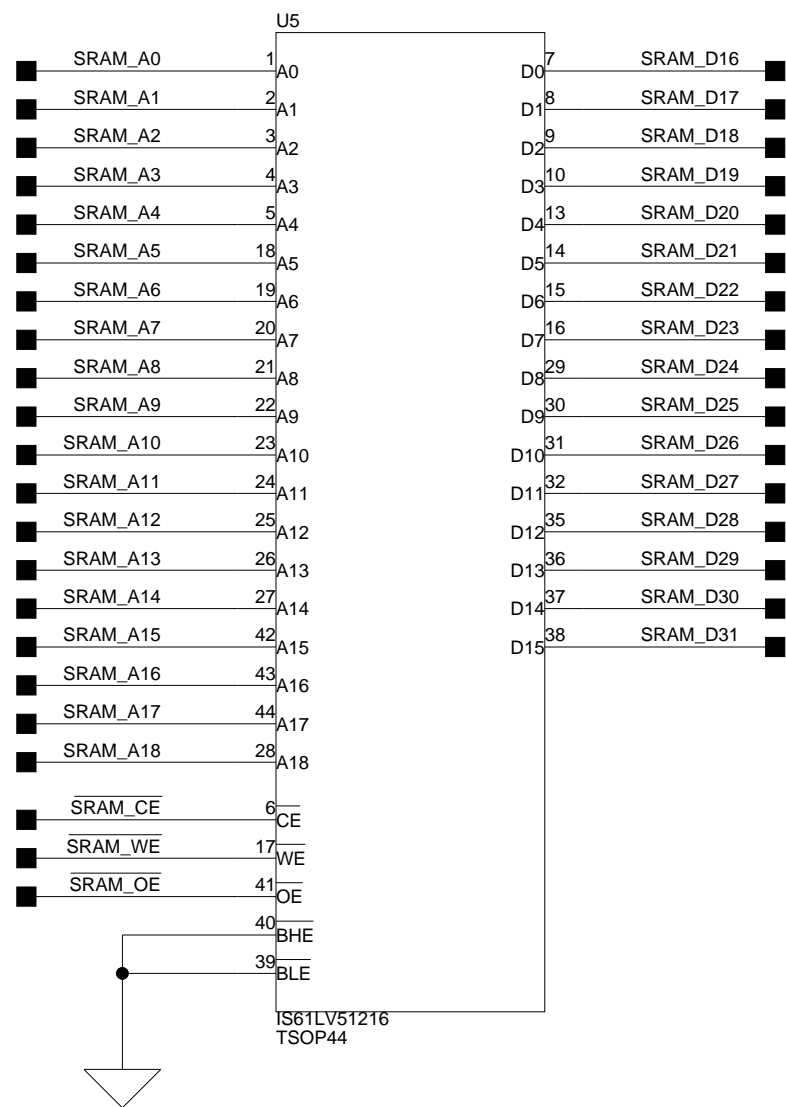


## EXTRA CLOCK SOCKET



 <b>ANALOG DEVICES</b>		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
<b>Title</b> BLACKFIN FPGA EZ-EXTENDER FPGA CONFIG			
<b>Size</b> C	<b>Board No.</b> A0199-2005	<b>Rev</b> 1.0B	
<b>Date</b> 5-4-2006_11:44	<b>Sheet</b> 2 of 12		<b>Rev</b> 1.0B

2MBYTES FPGA SRAM  
(512k x 16bits x 2chips)



**ANALOG  
DEVICES**

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

Title **BLACKFIN FPGA EZ-EXTENDER  
SRAM, FPGA BANKS 7 + 8**

Size  
C

Board No.

A0199-2005

Rev  
1.0B

Date

5-4-2006\_11:44

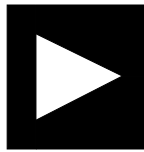
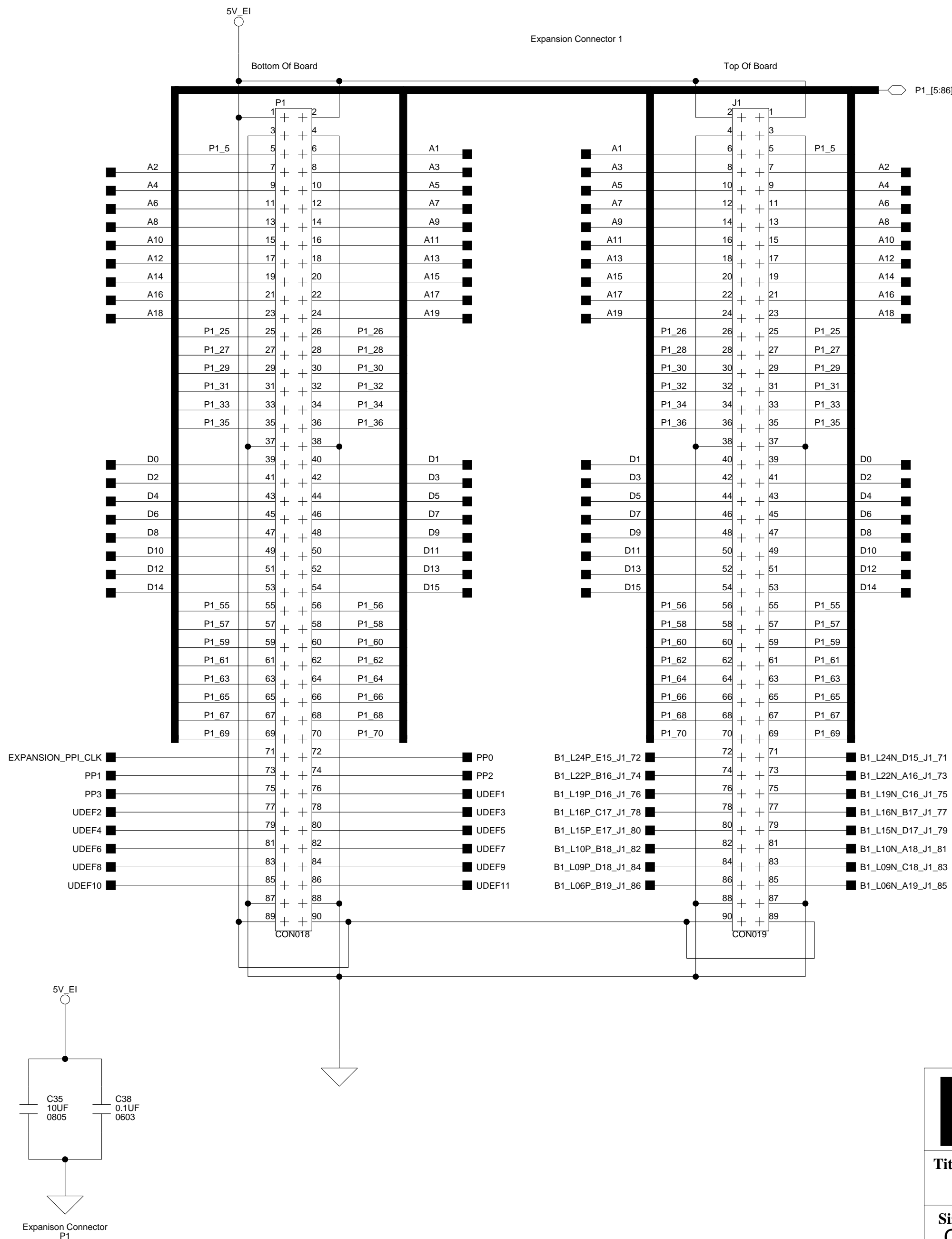
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EXPANSION INTERFACE TYPE B



**ANALOG  
DEVICES**

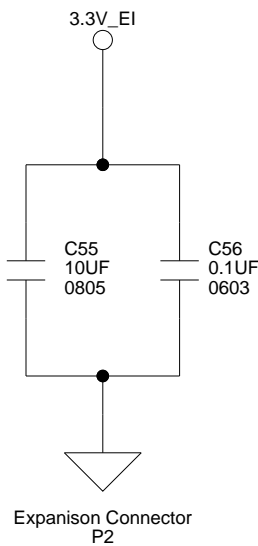
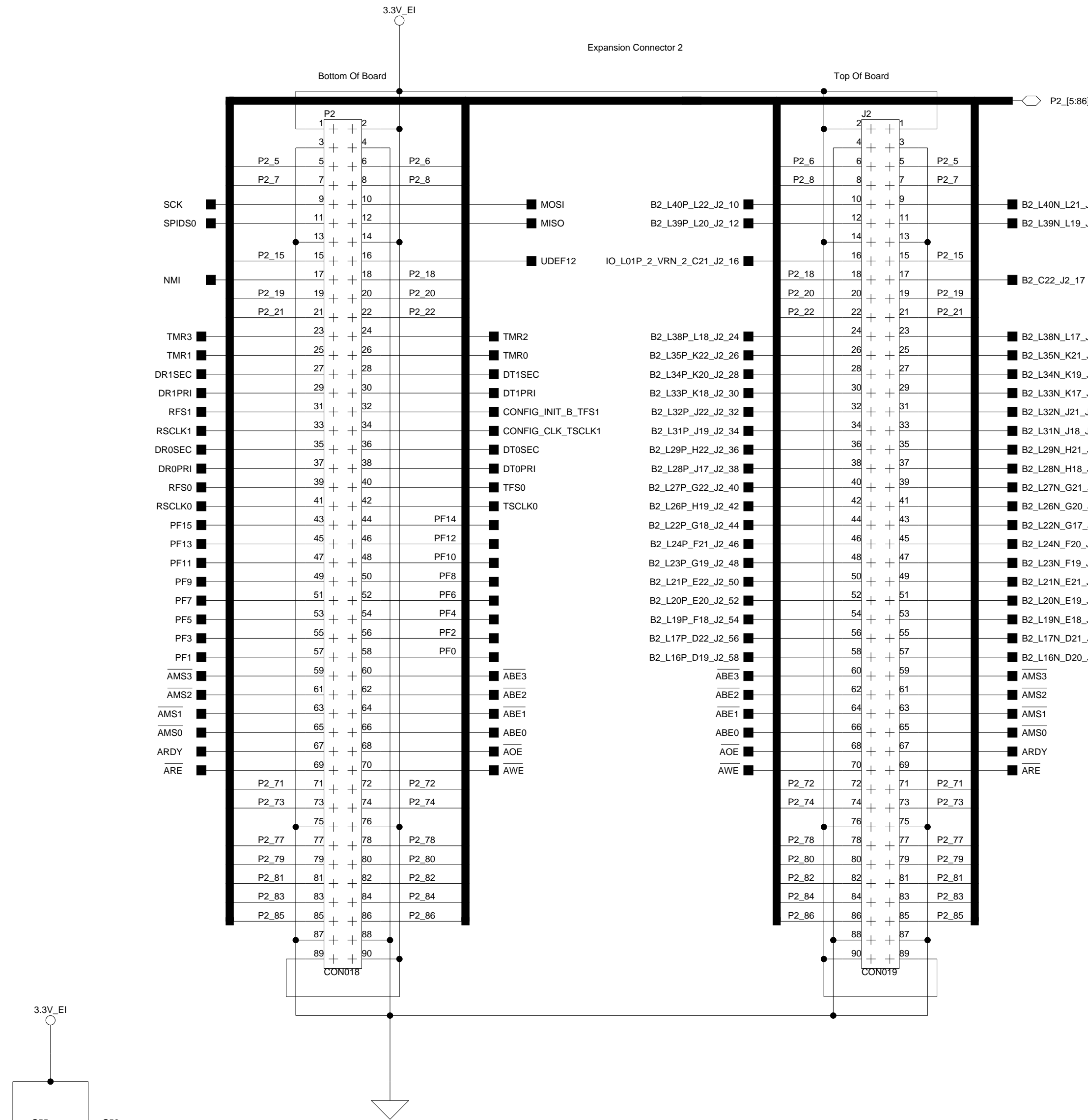
20 Cotton Road  
Nashua, NH 03063  
PH: 1-800-ANALOGD

Title **BLACKFIN FPGA EZ-EXTENDER  
EXPANSION INTERFACE CONNECTOR 1**

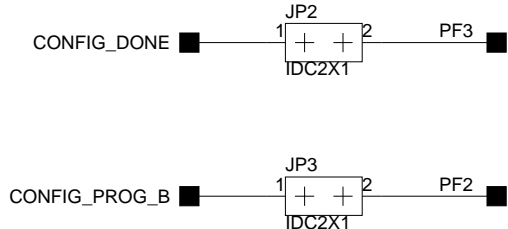
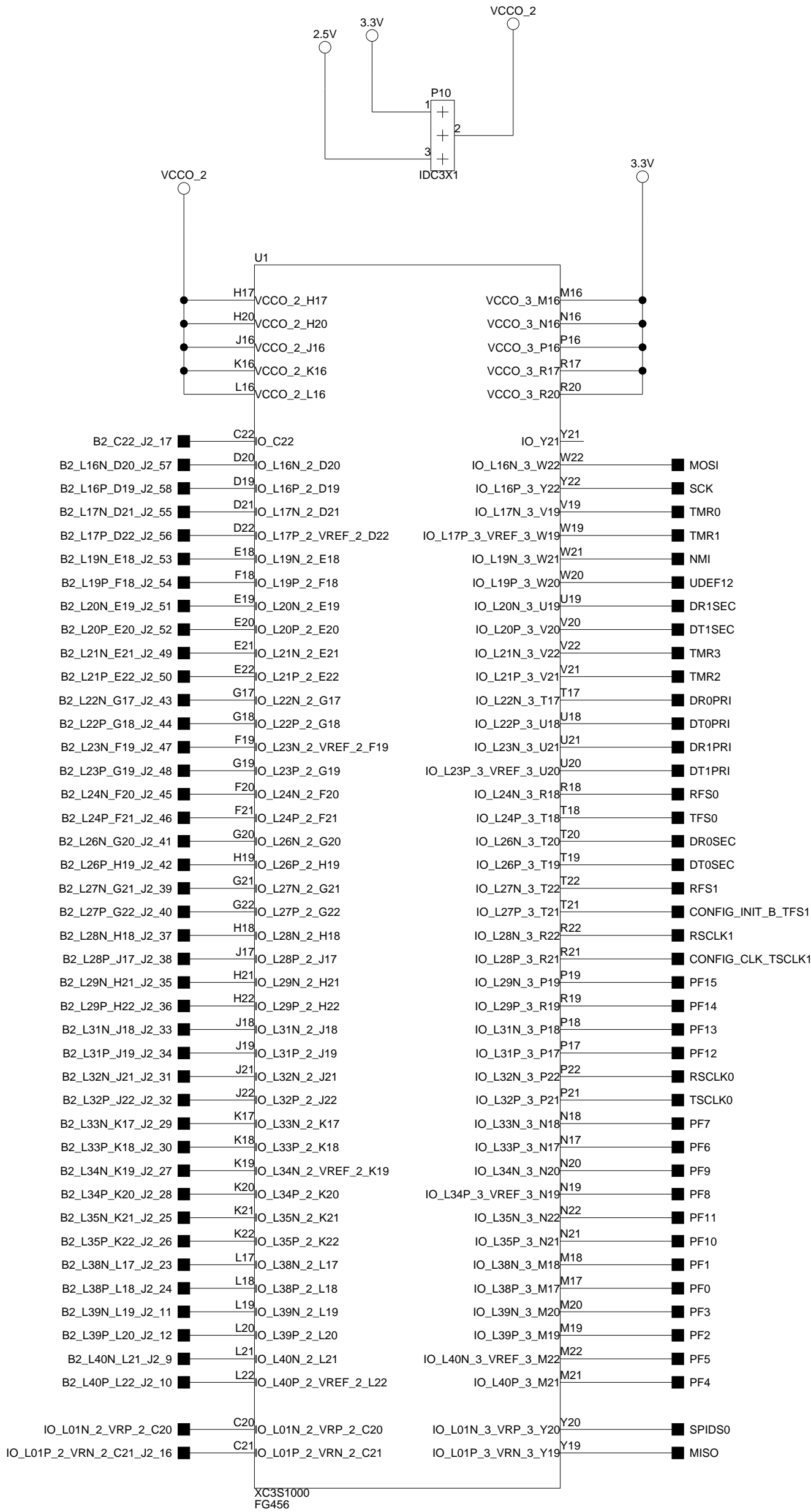
Size <b>C</b>	Board No. <b>A0199-2005</b>	Rev <b>1.0B</b>
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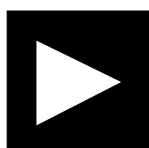
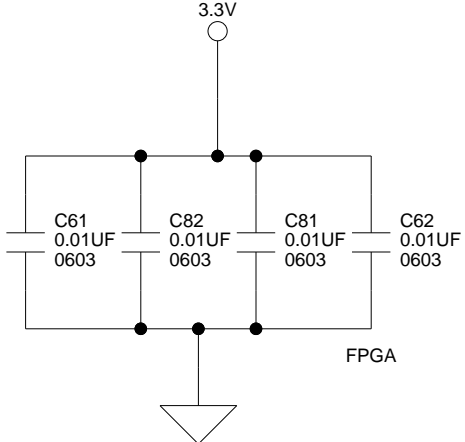
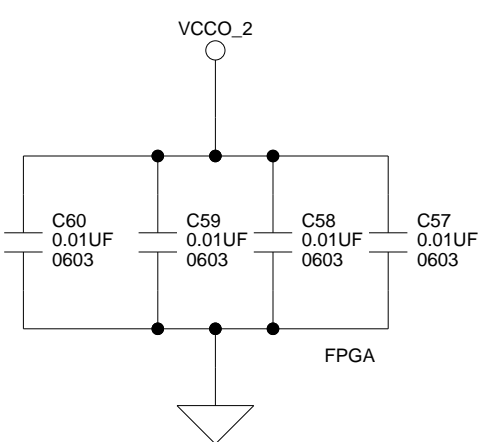
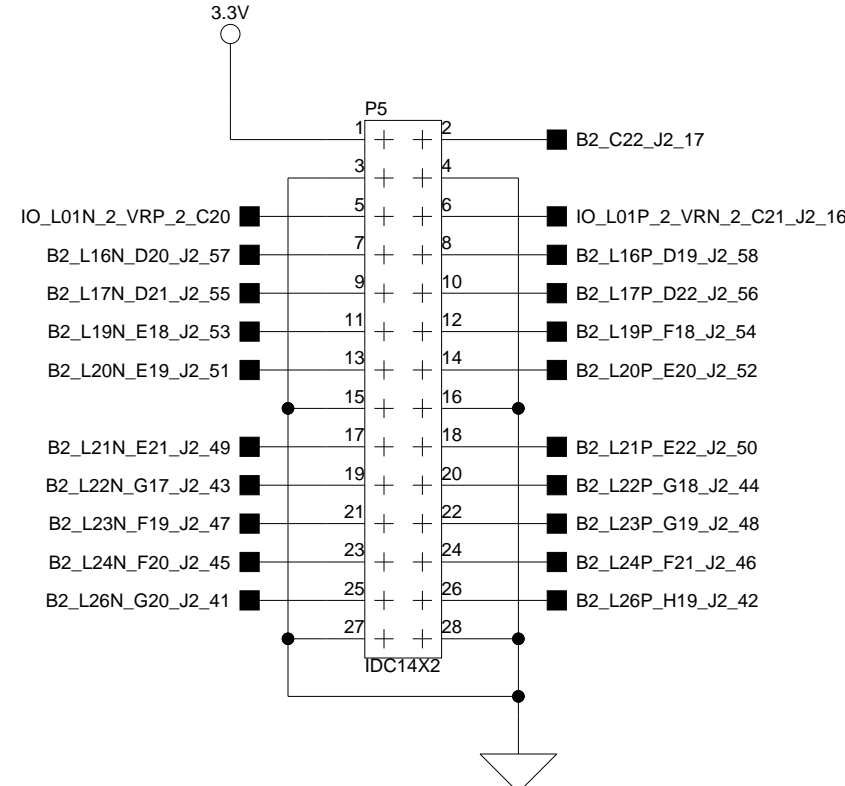
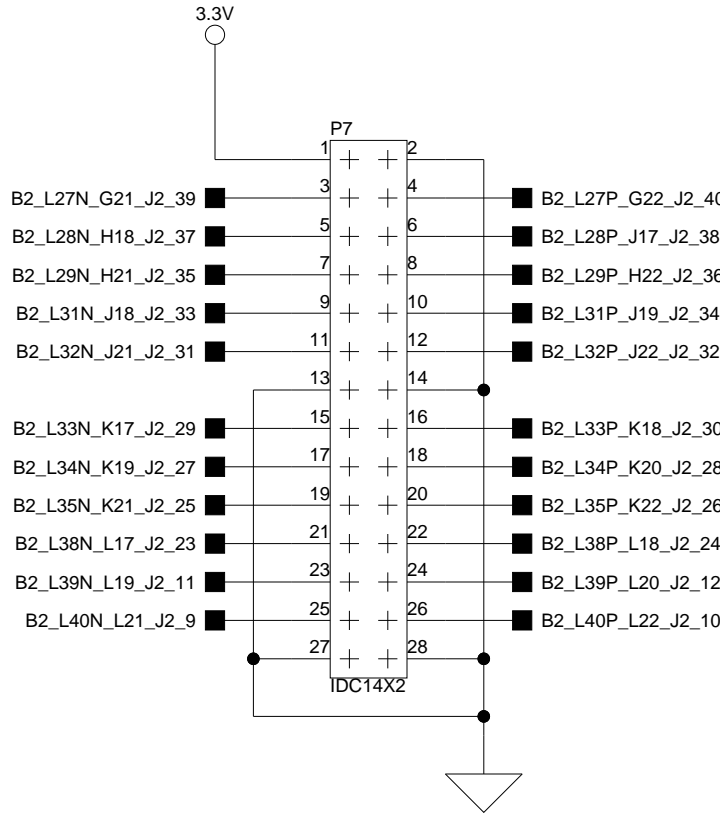
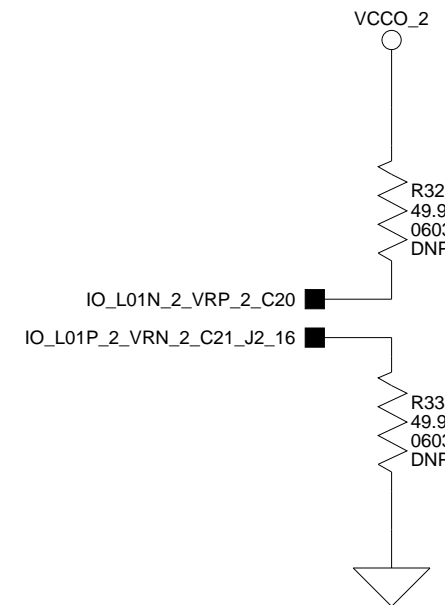
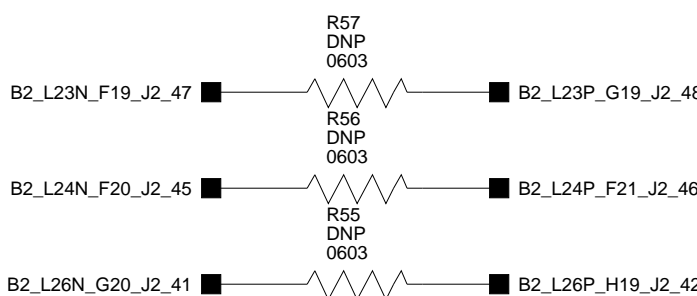




		<b>ANALOG DEVICES</b>		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
<b>Title</b> BLACKFIN FPGA EZ-EXTENDER EXPANSION INTERFACE CONNECTOR 2					
<b>Size C</b>		<b>Board No.</b> A0199-2005			<b>Rev</b> 1.0B
<b>Date</b> 5-4-2006_11:44		<b>Sheet</b> 6 <b>of</b> 12			



LAYOUT NOTE: PLACE NEAR FPGA

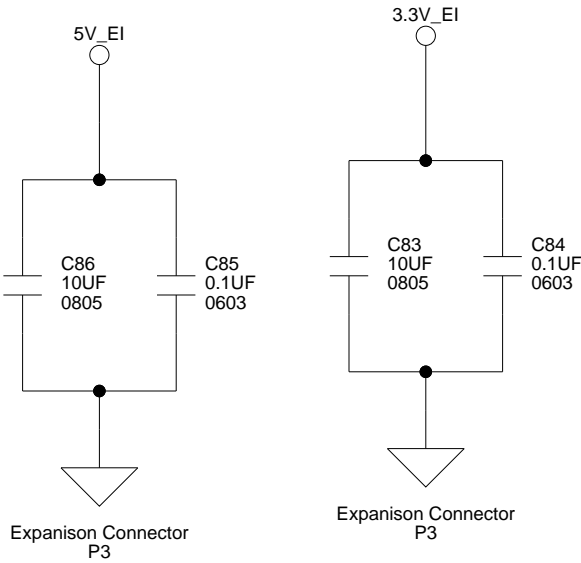
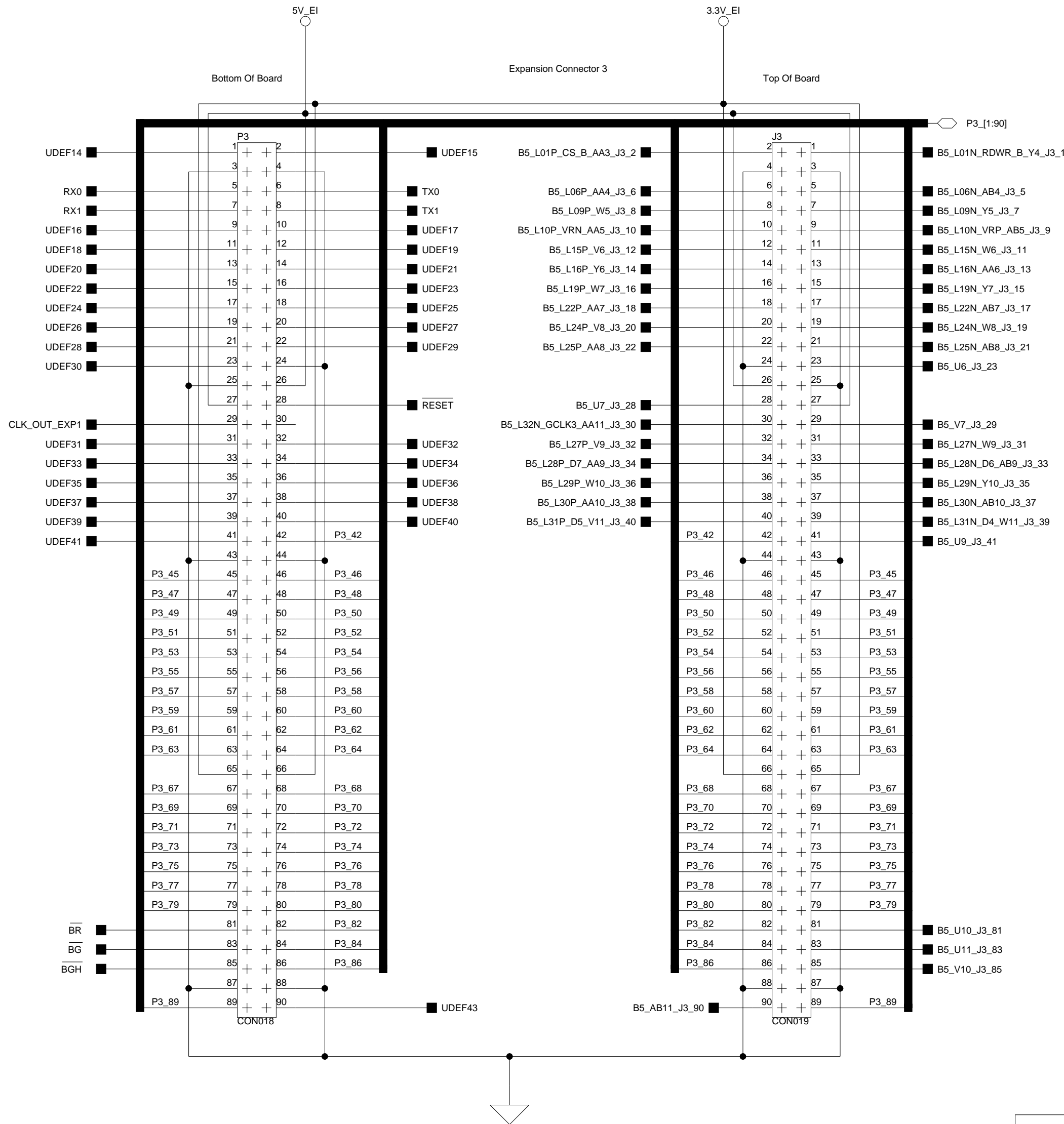


**ANALOG  
DEVICES**

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

Title			BLACKFIN FPGA EZ-EXTENDER FPGA BANKS 2 + 3		
Size C	Board No.		A0199-2005		Rev 1.0B
Date	5-4-2006_11:44		Sheet	7 of	12

EXPANSION INTERFACE (TYPE B)



**ANALOG  
DEVICES**

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

Title **BLACKFIN FPGA EZ-EXTENDER  
EXPANSION INTERFACE CONNECTOR 3**

Size C	Board No. A0199-2005	Rev 1.0B
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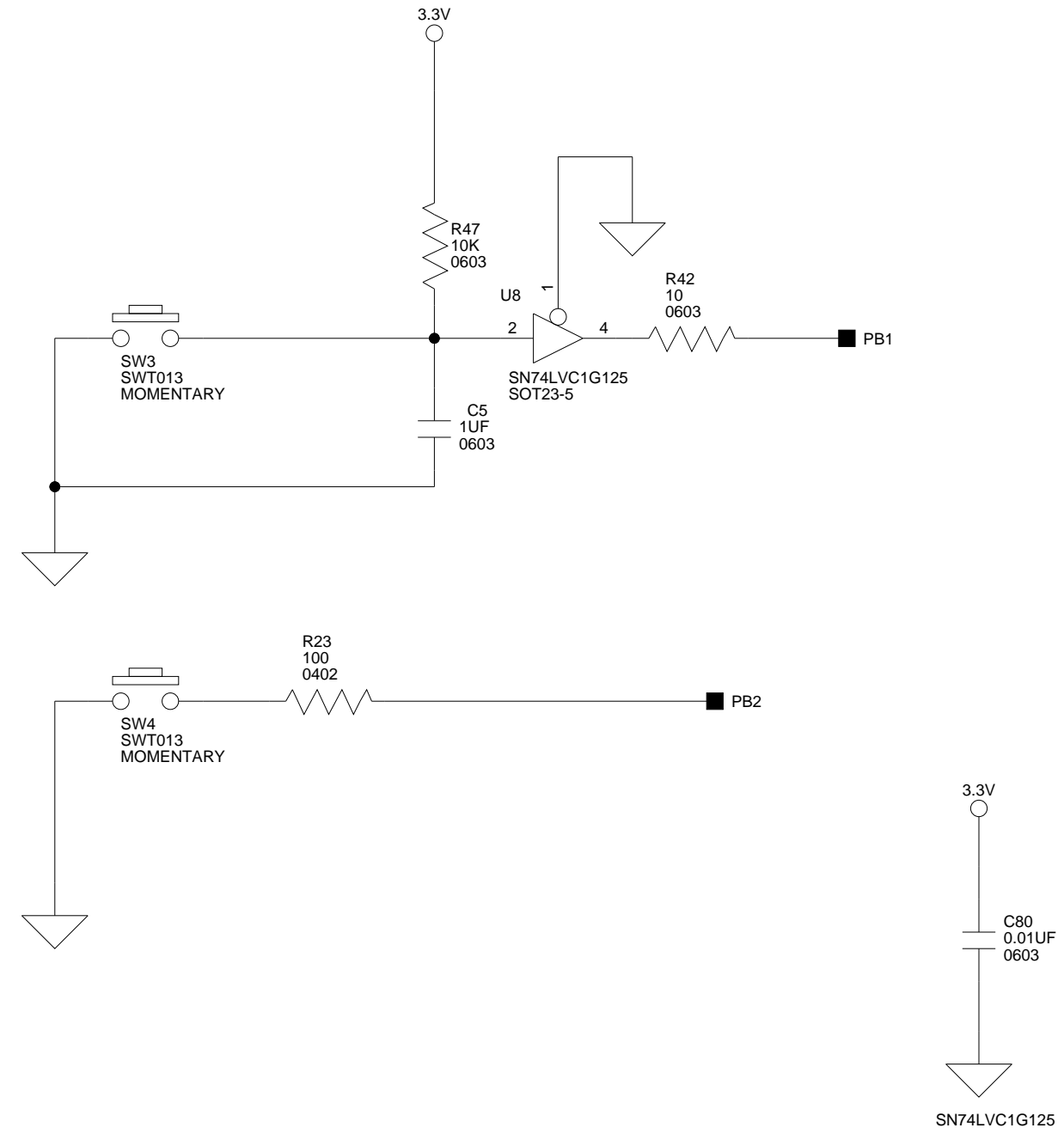
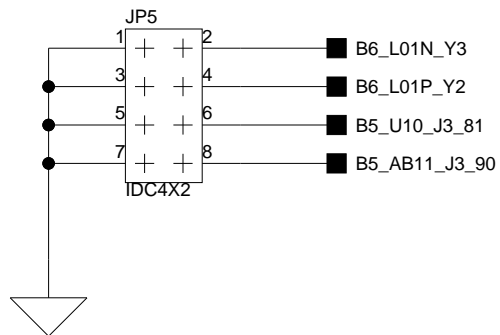
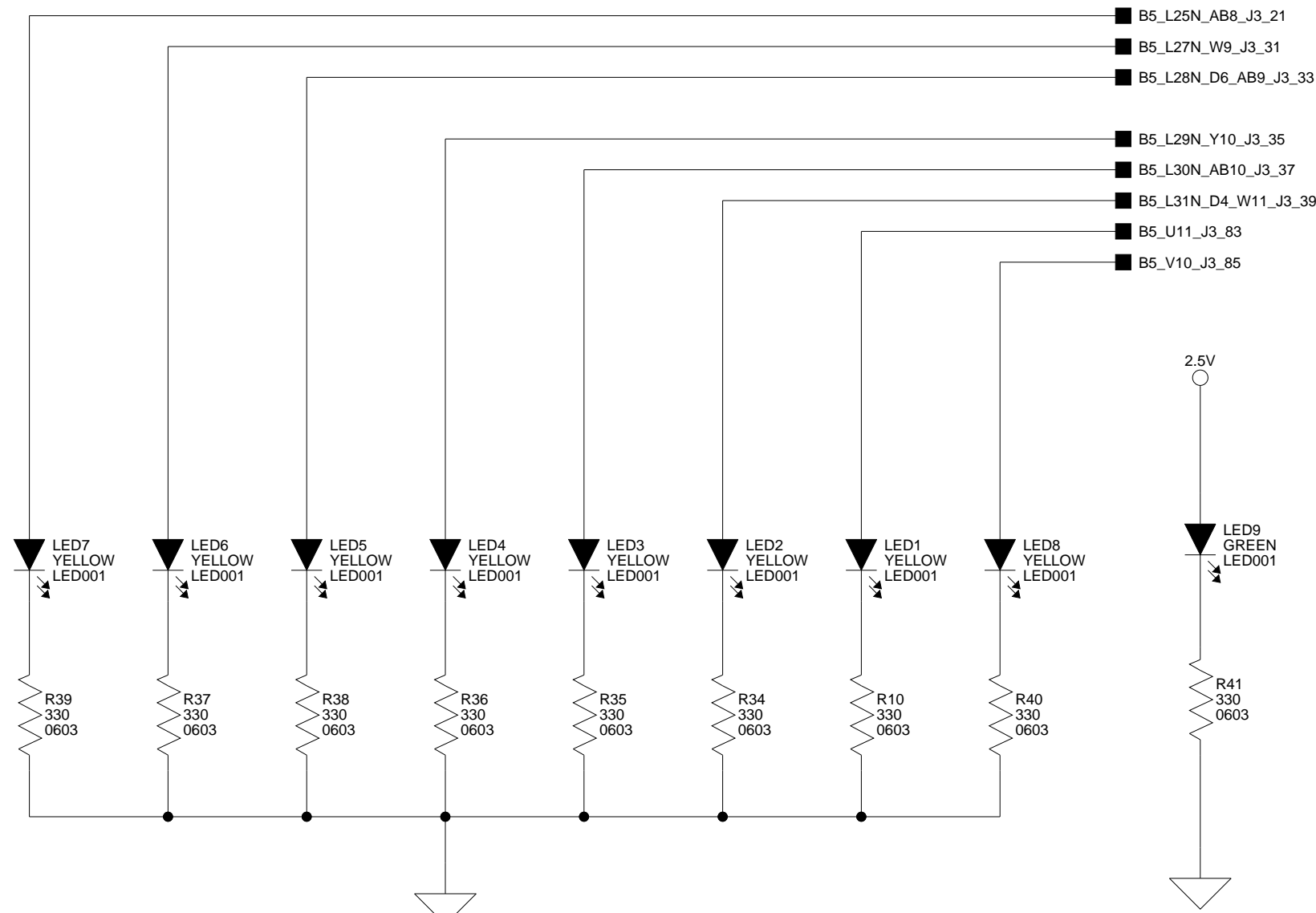
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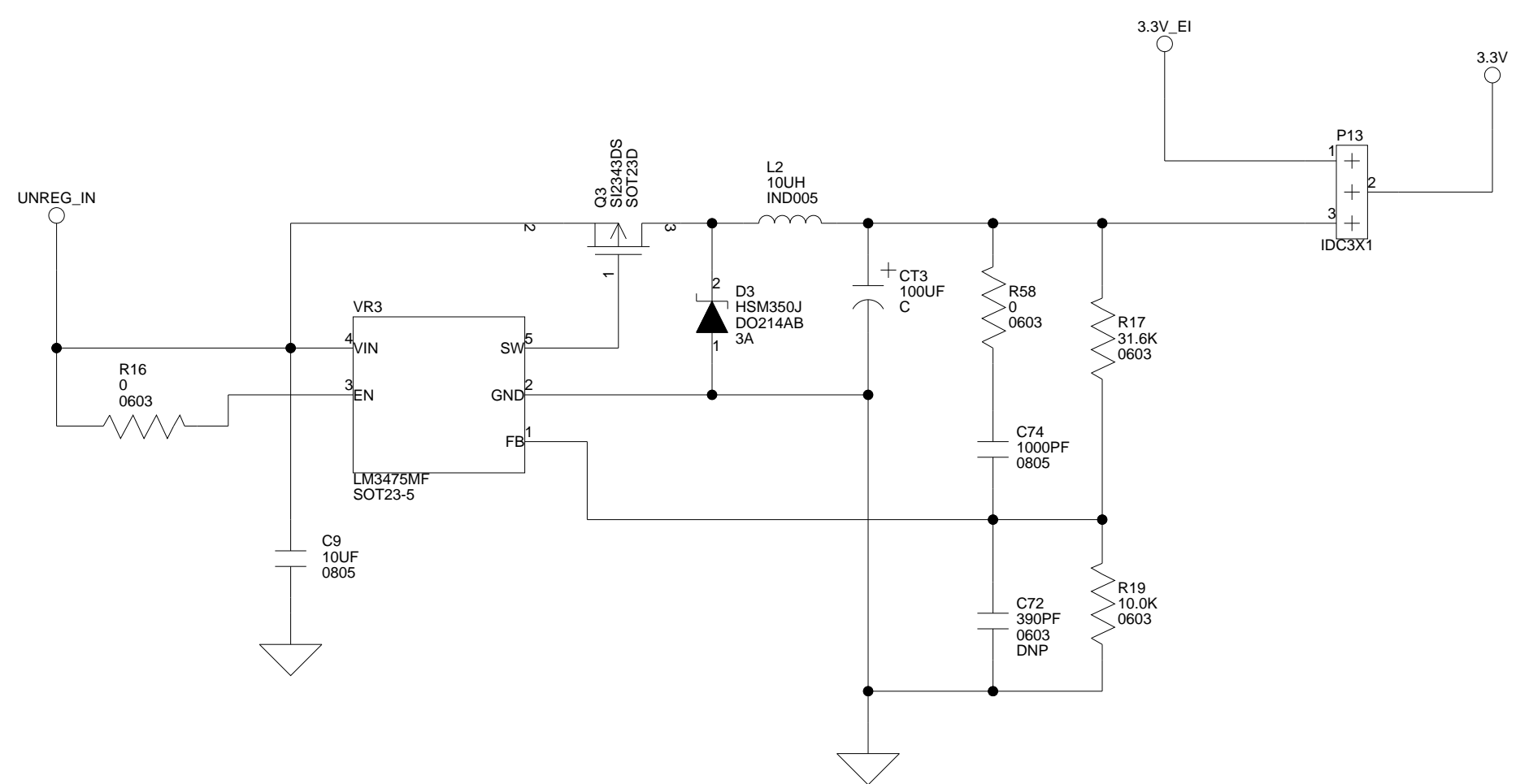
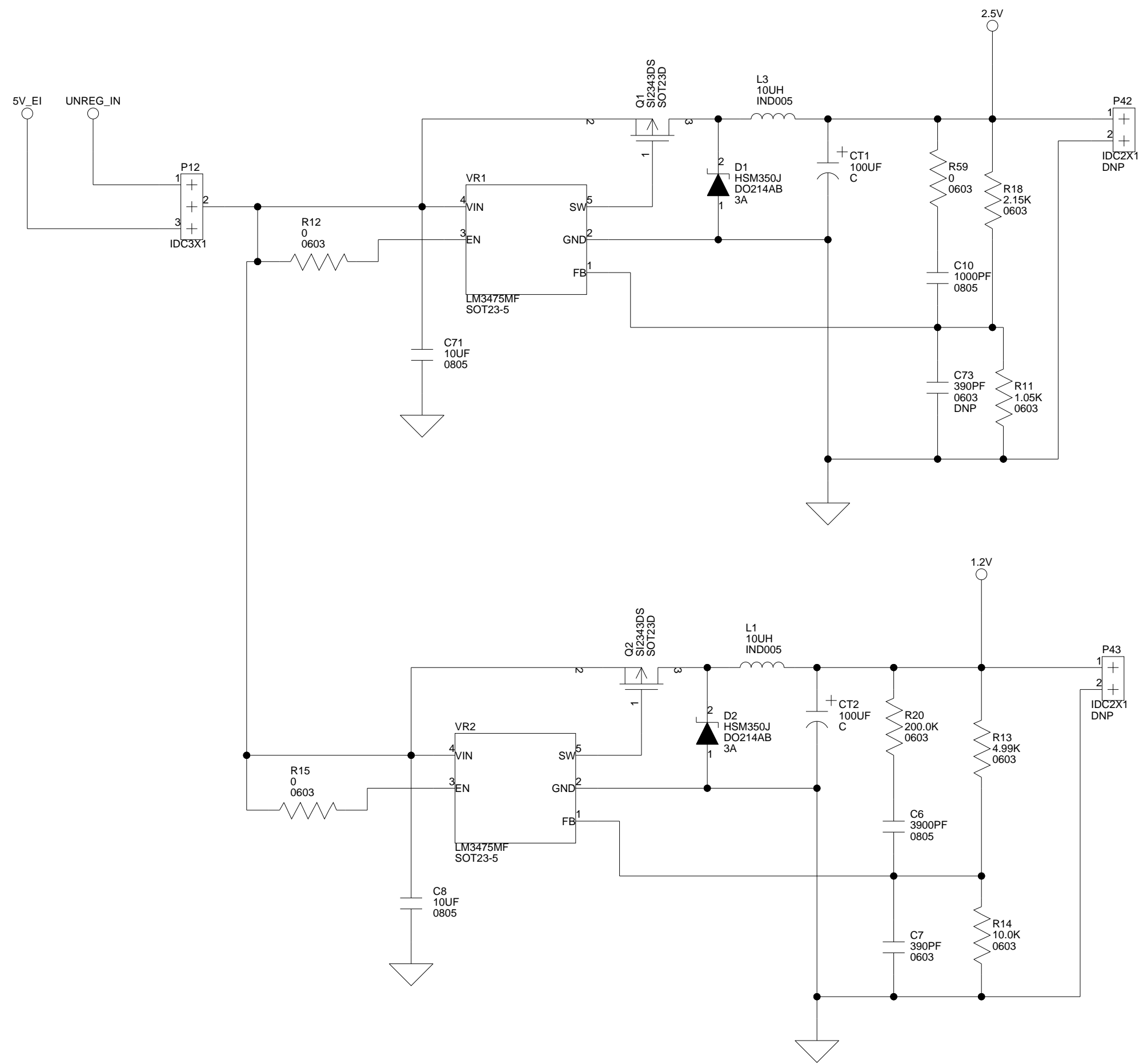
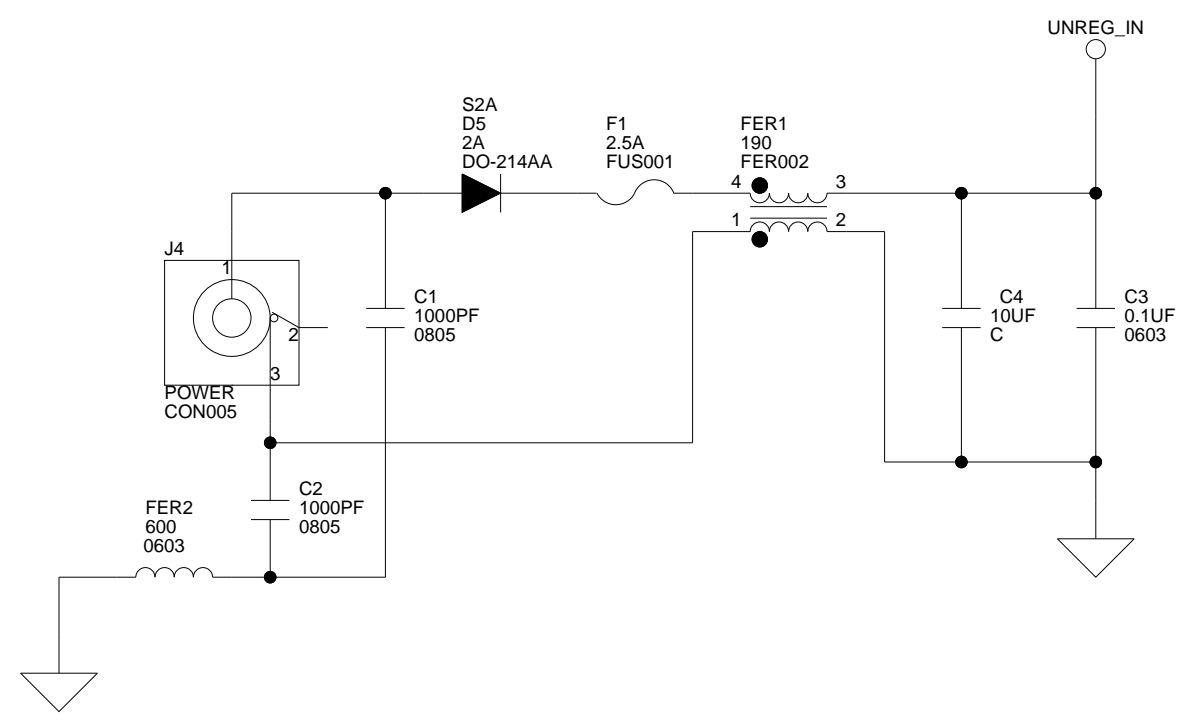
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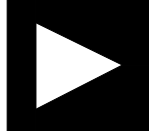
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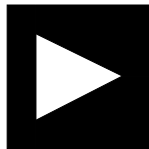
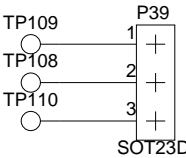
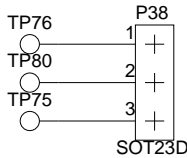
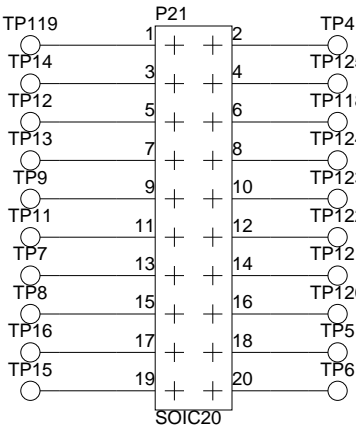
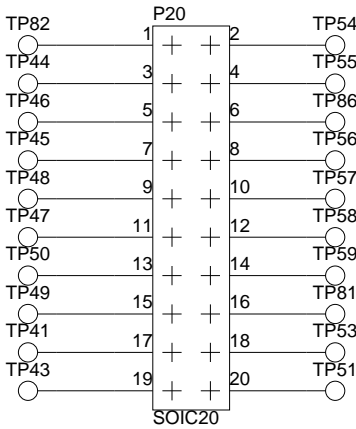
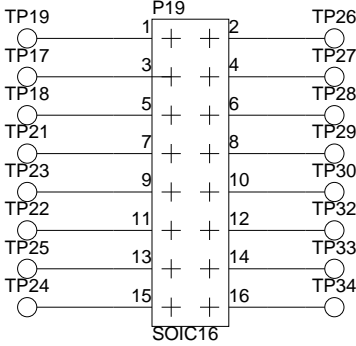
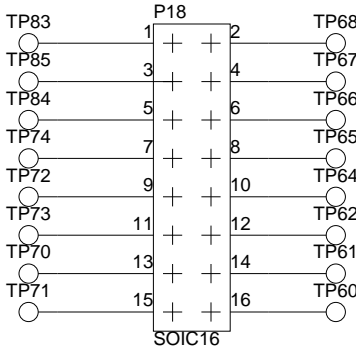
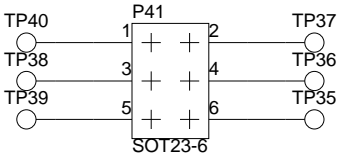
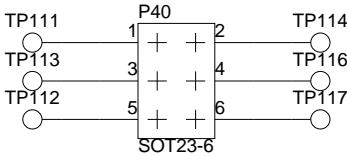
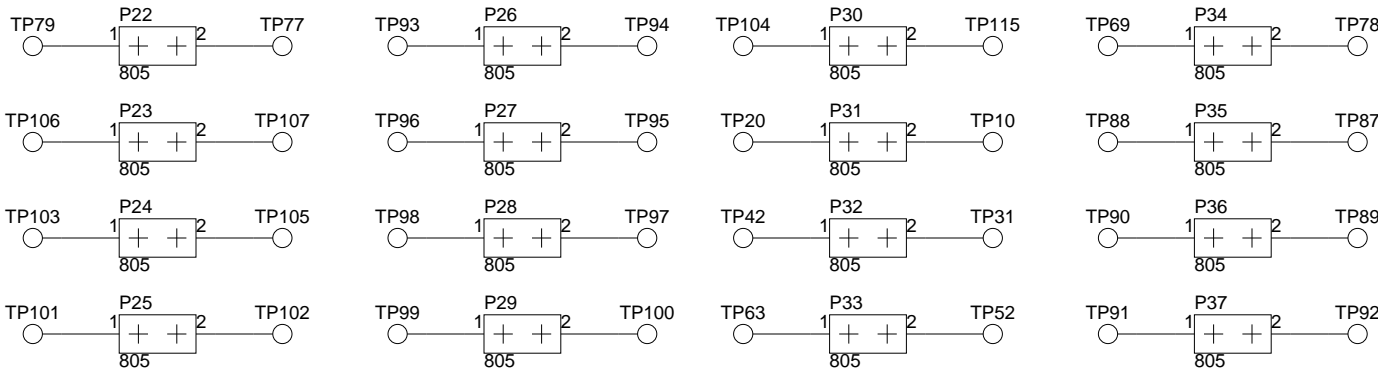
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3





 <b>ANALOG DEVICES</b>		20 Cotton Road Nashua, NH 03063 PH: 1-800-ANALOGD	
		<b>Title</b> BLACKFIN FPGA EZ-EXTENDER POWER	
<b>Size C</b>	<b>Board No.</b>	A0199-2005	<b>Rev</b> 1.0B
<b>Date</b>	5-4-2006_11:44	<b>Sheet</b> 11	<b>of</b> 12



**ANALOG  
DEVICES**

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

Title **BLACKFIN FPGA EZ-EXTENDER  
PROTO AREA**

Size <b>C</b>	Board No. <b>A0199-2005</b>	Rev <b>1.0B</b>
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