

A

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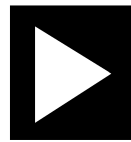
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ADuCM3029 EZ-KIT

Schematic



**ANALOG
DEVICES**

2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title				ADuCM3029 EZ-KIT			
				Title			
Size	Board No.					Rev	
C			A0637-2014			1.1	
Date	11/16/15		Sheet	1	of	9	

A

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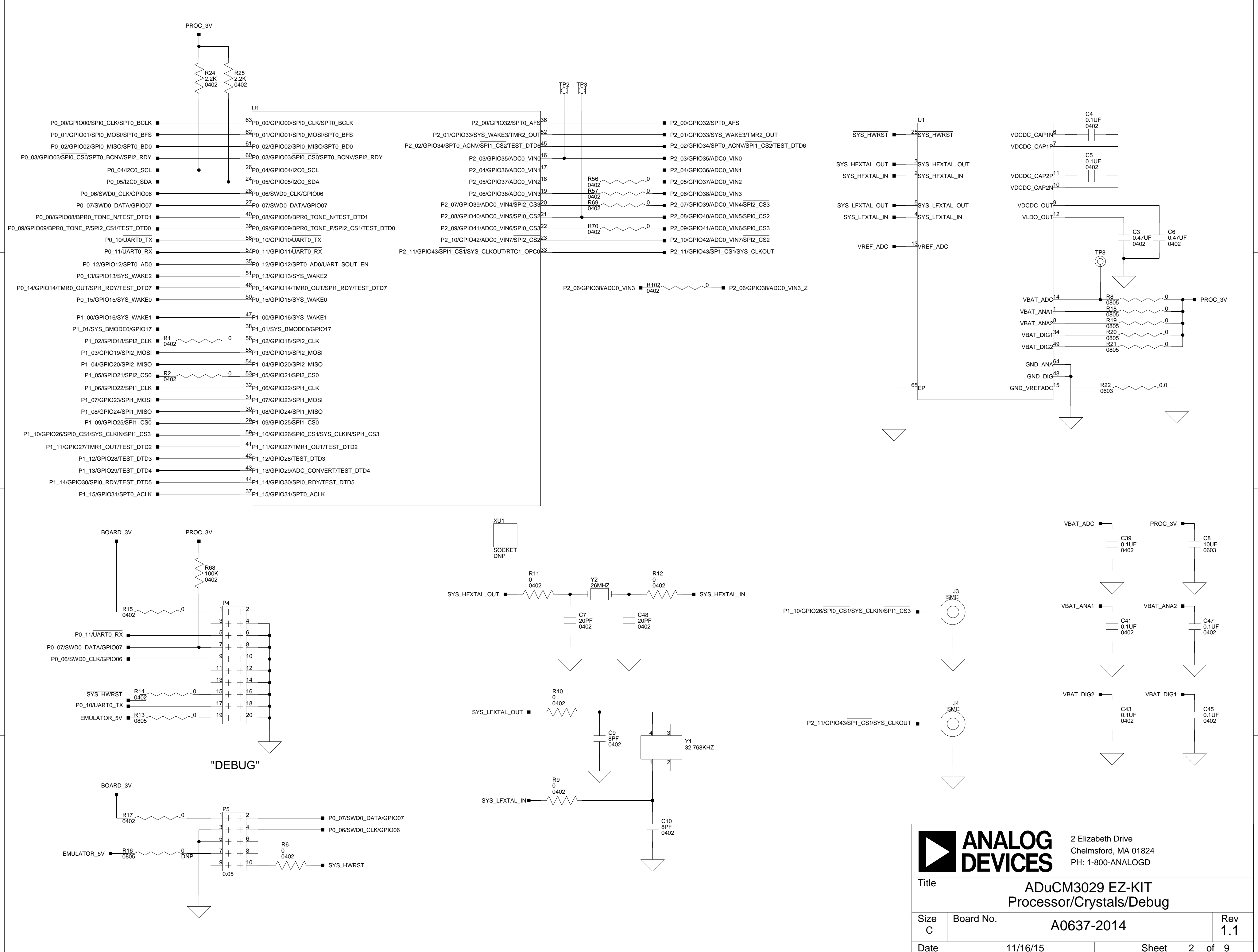
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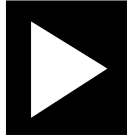
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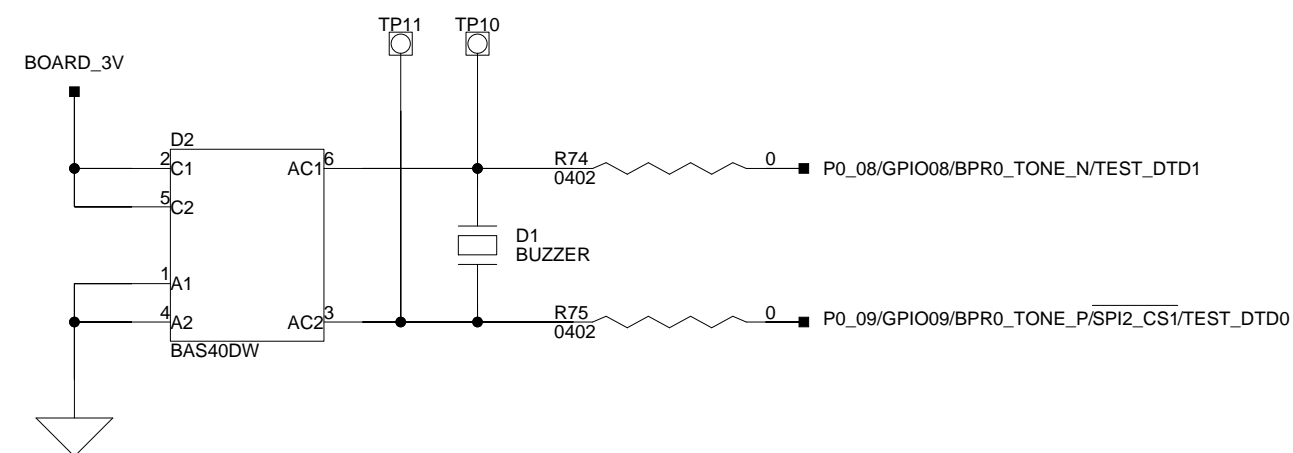
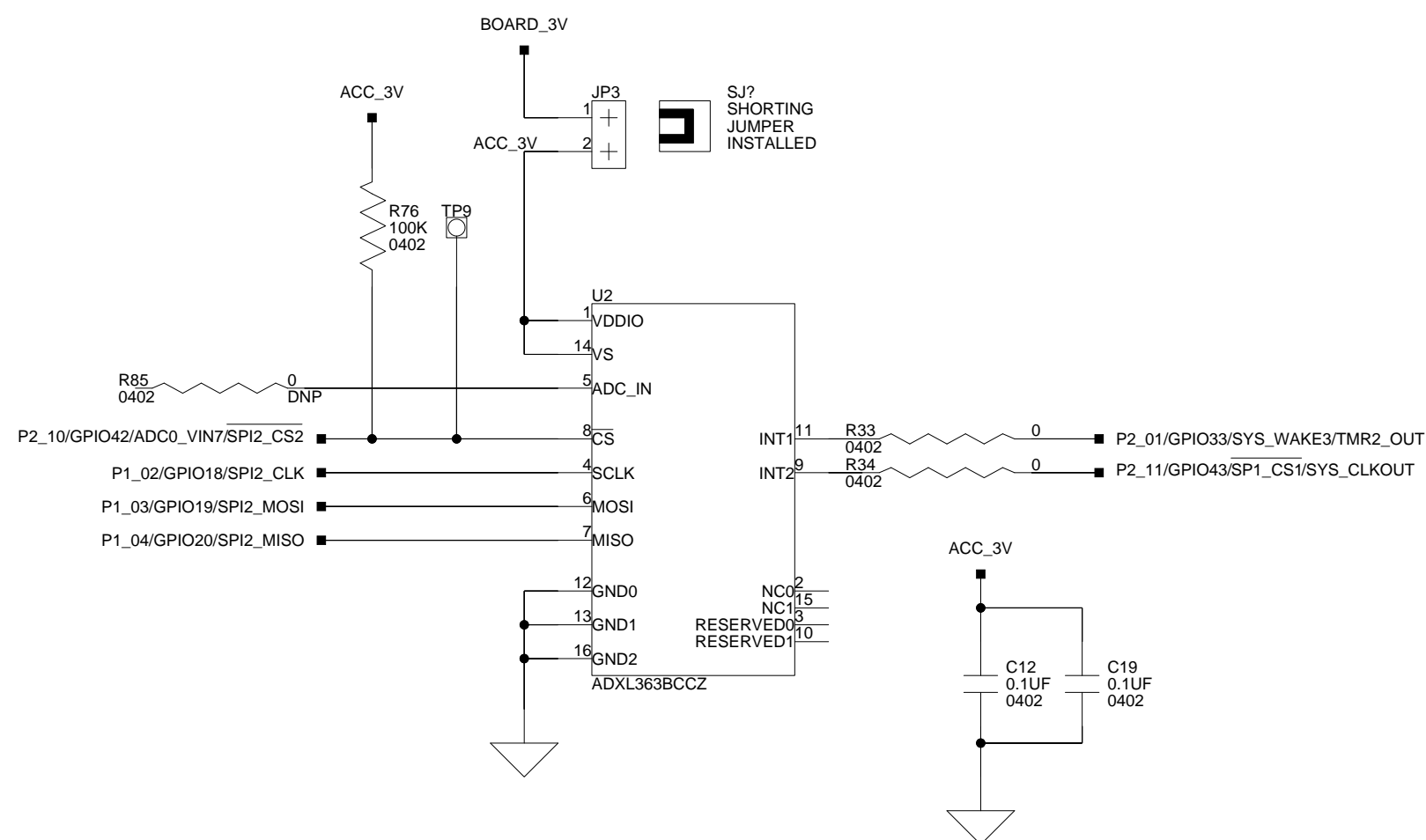
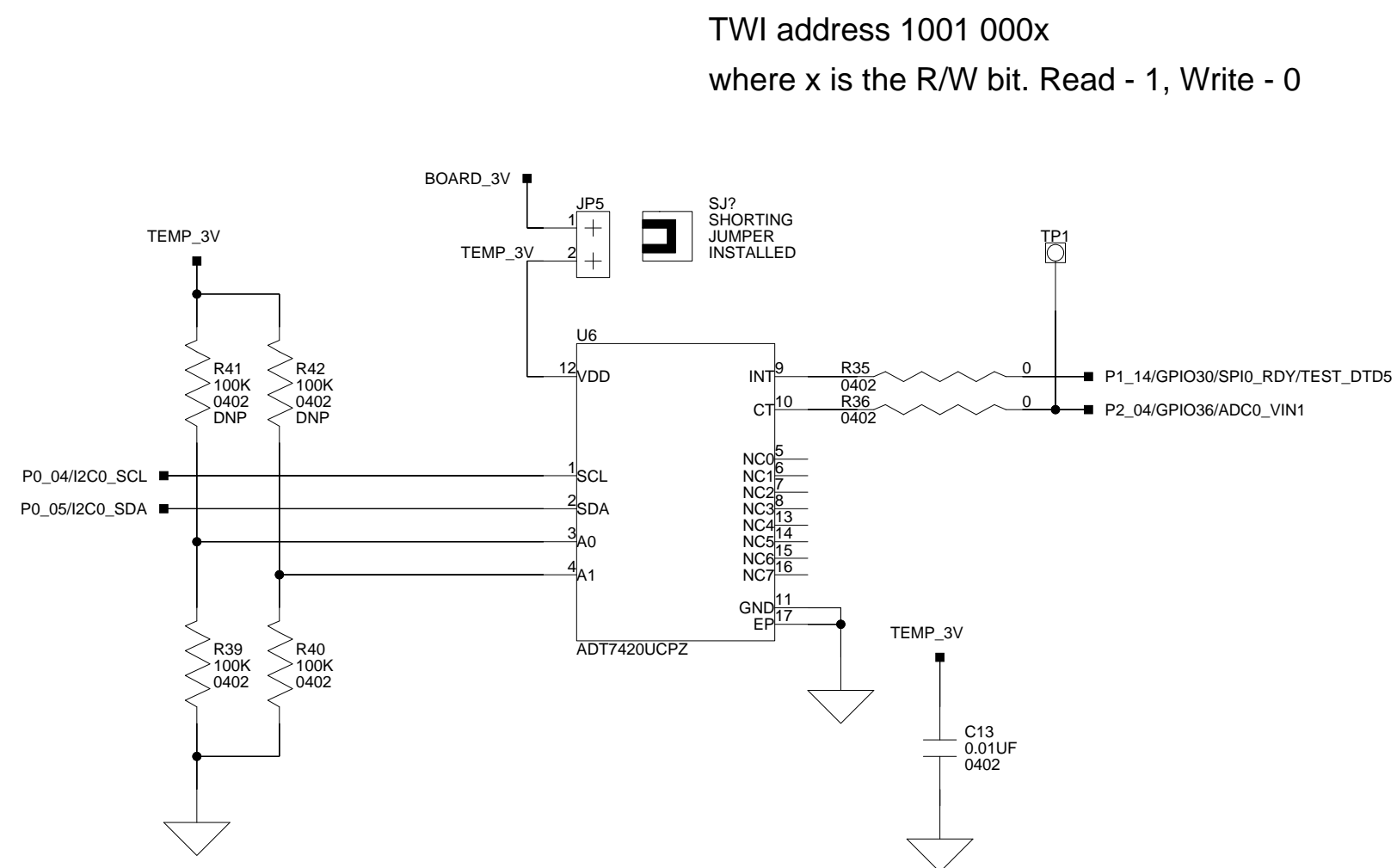
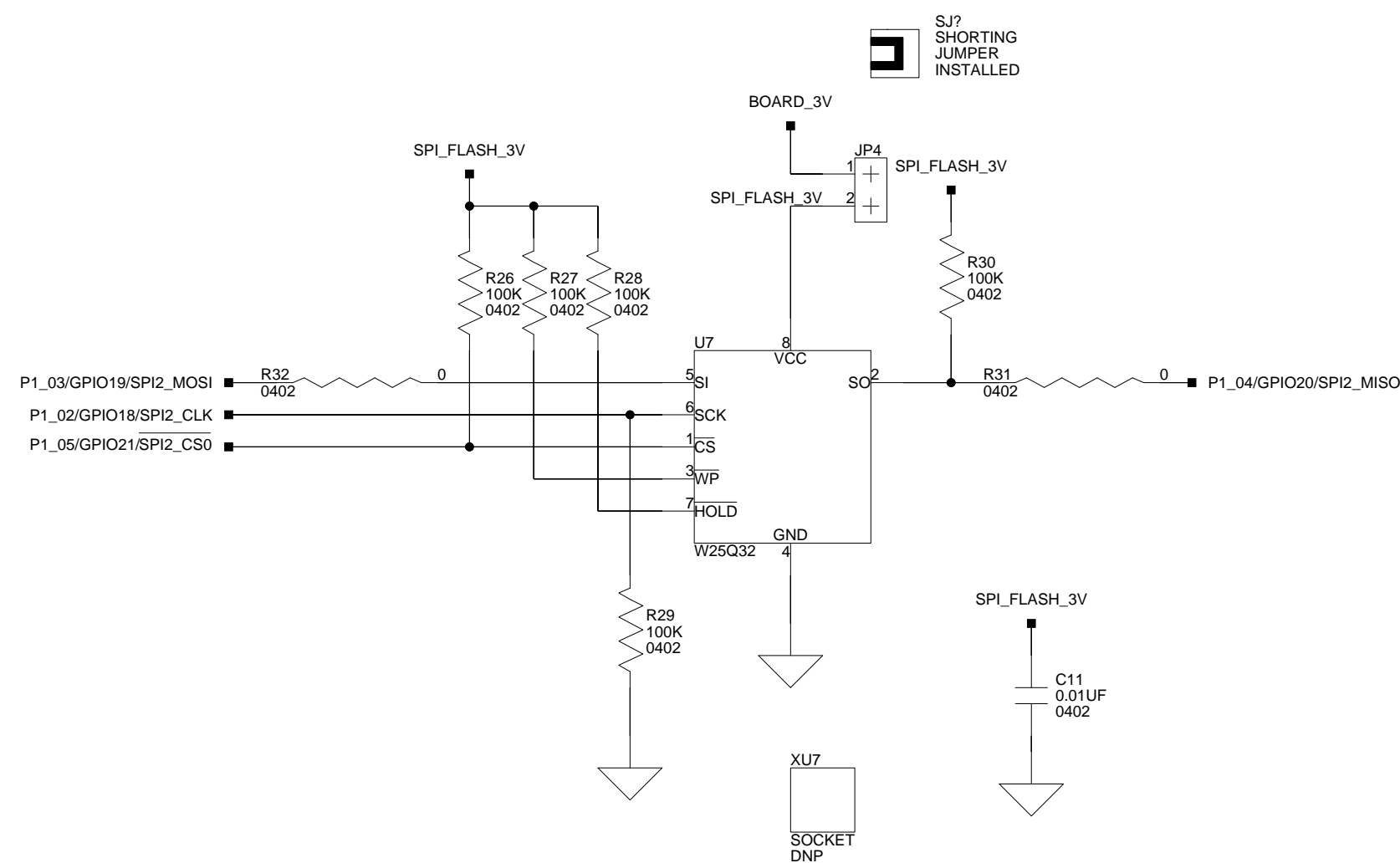





**ANALOG
DEVICES**

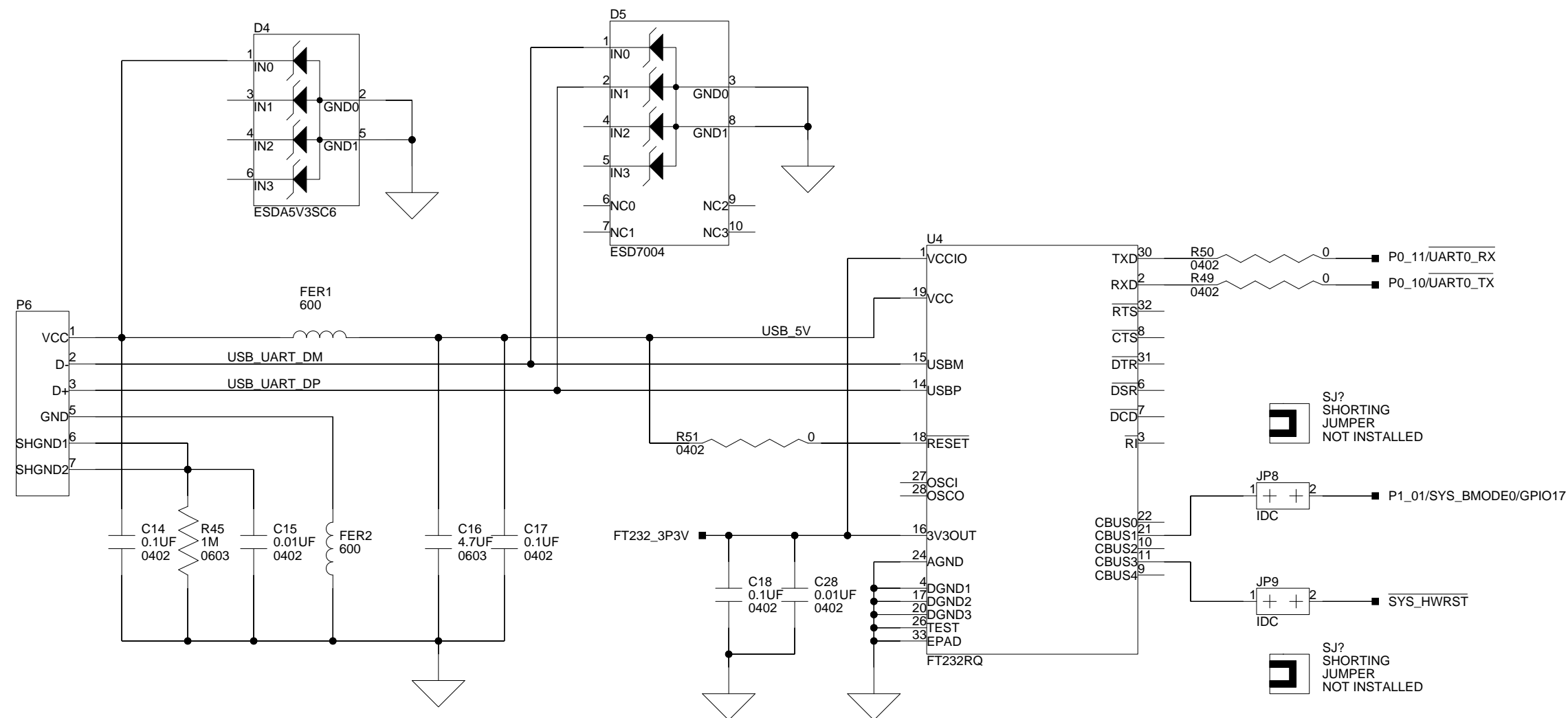
2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title ADuCM3029 EZ-KIT Processor/Crystals/Debug		
Size C	Board No. A0637-2014	Rev 1.1
Date 11/16/15	Sheet 2	of 9



 <div>2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD</div>		
Title ADuCM3029 EZ-KIT SPI flash/Temp Sensor/Accelerometer/Buzzer		
Size C	Board No. A0637-2014	Rev 1.1
Date 11/16/15	Sheet 3 of 9	

"USB to UART"



**ANALOG
DEVICES**

2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title			ADuCM3029 EZ-KIT USB to UART		
Size C	Board No.		A0637-2014		Rev 1.1
Date	11/16/15		Sheet	4 of 9	

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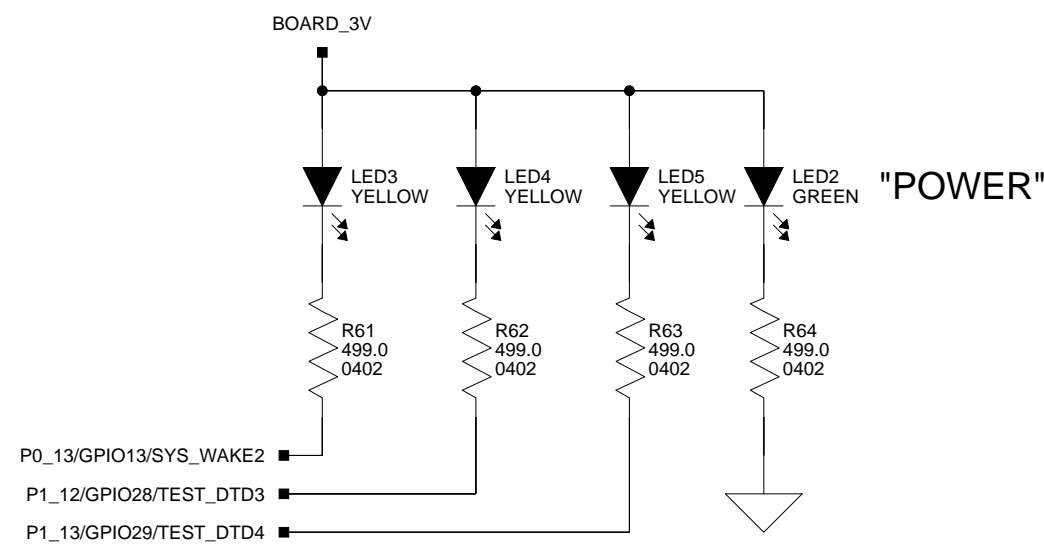
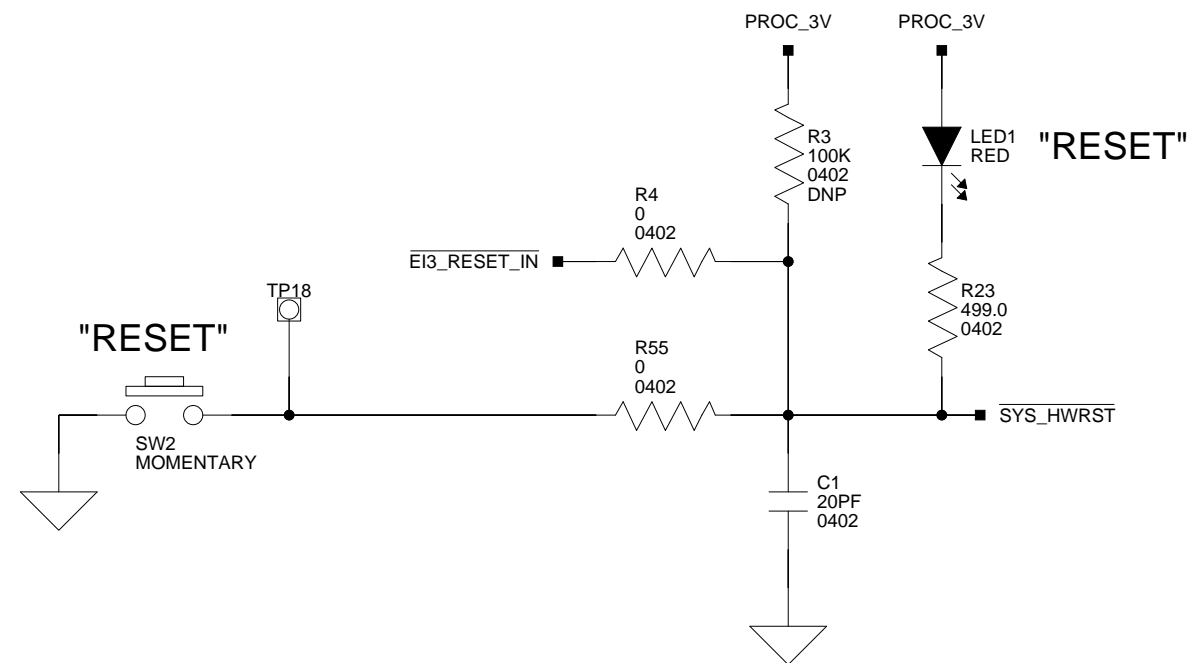
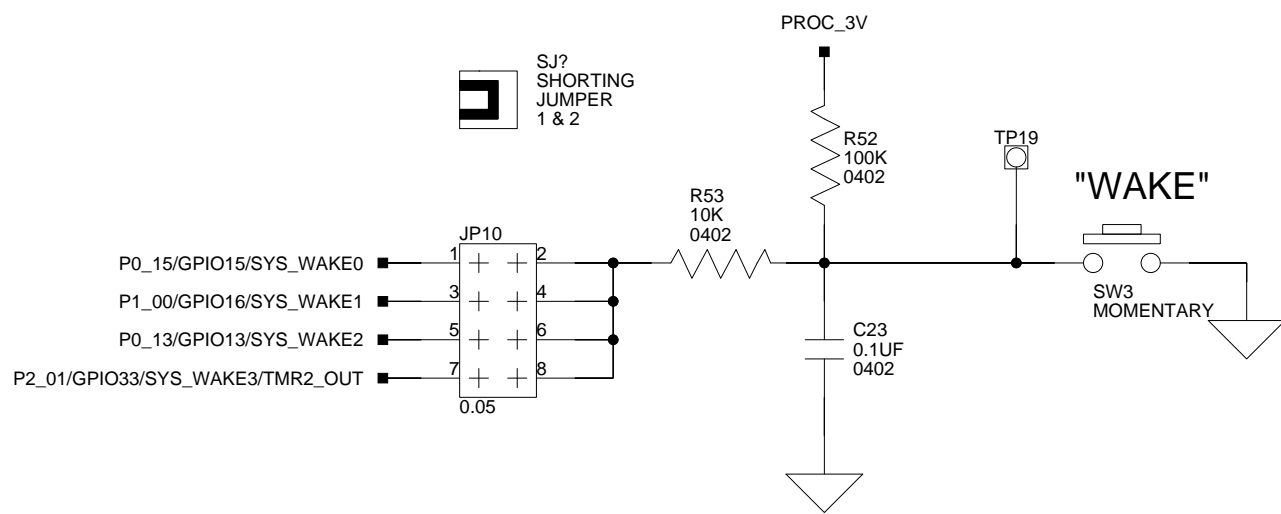
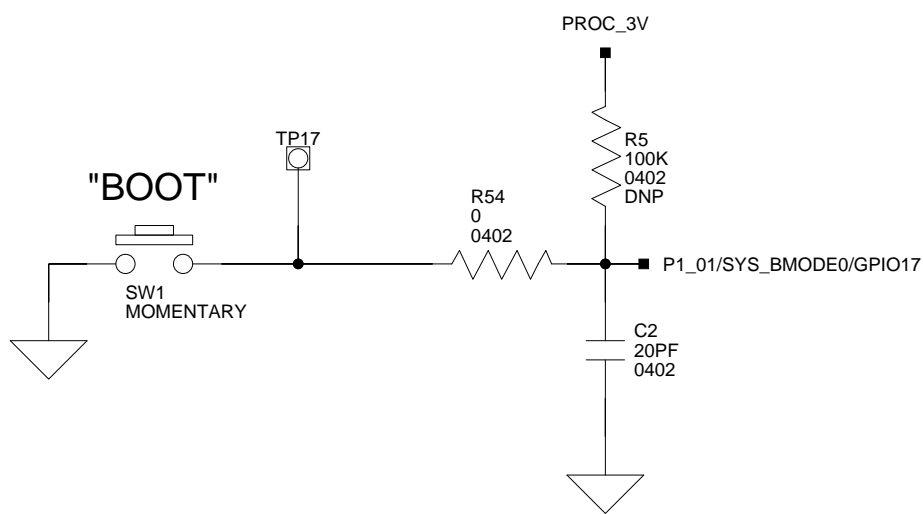
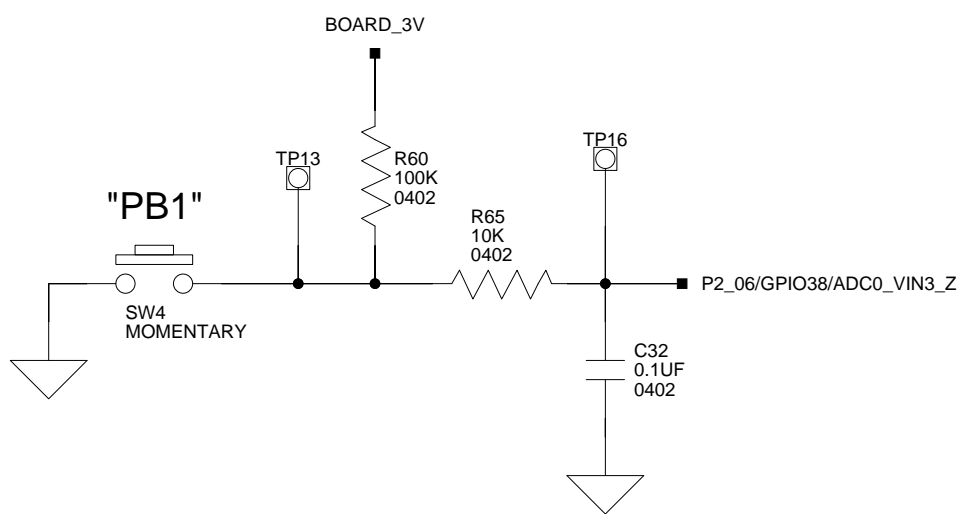
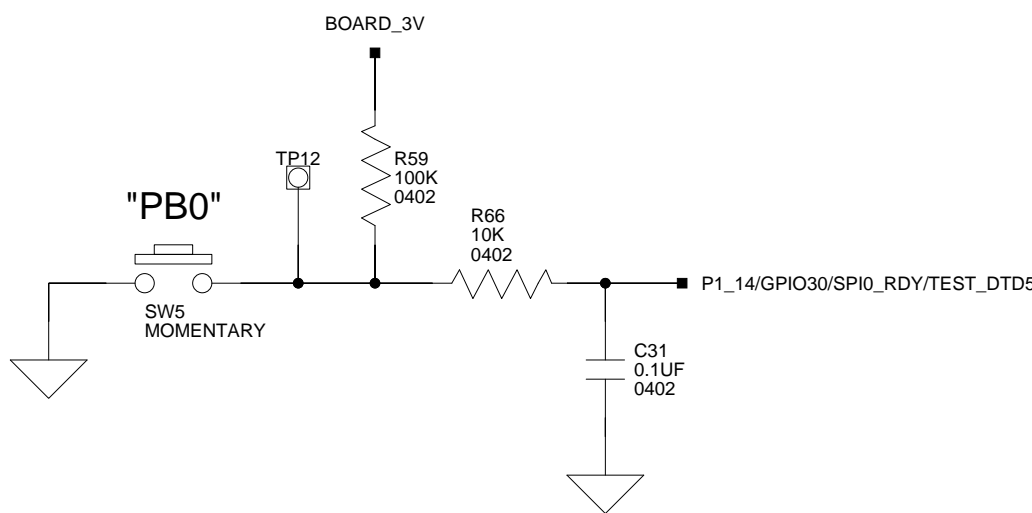
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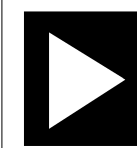
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**ANALOG
DEVICES**

2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title **ADuCM3029 EZ-KIT
Switches/LEDs**

Size C	Board No. A0637-2014	Rev 1.1
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Date 11/16/15	Sheet 5 of 9
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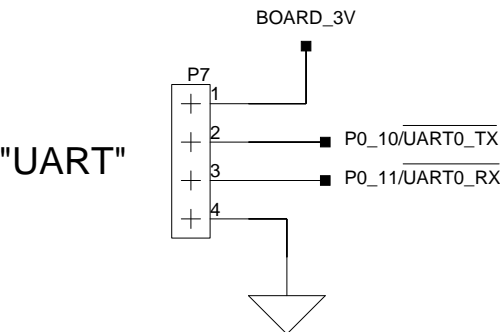
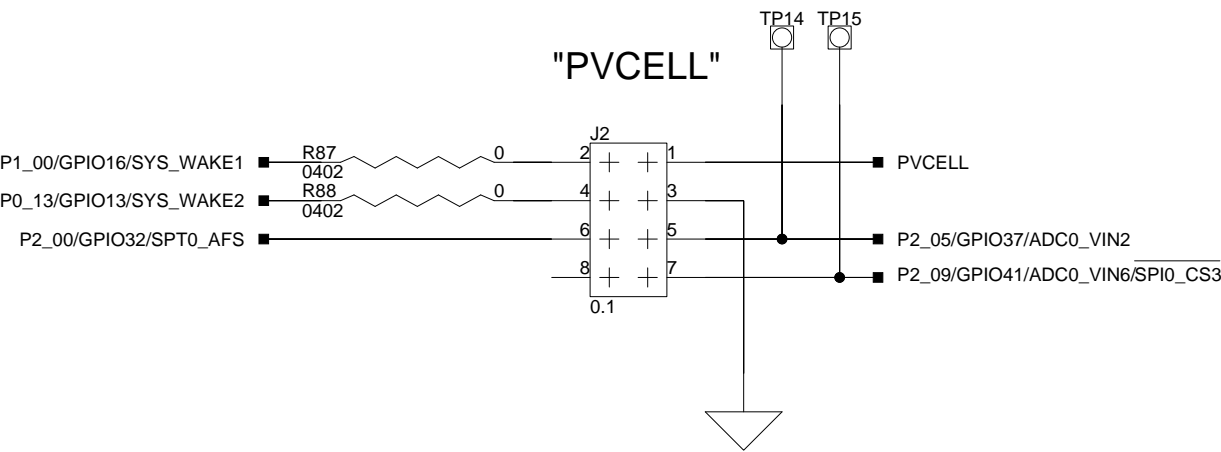
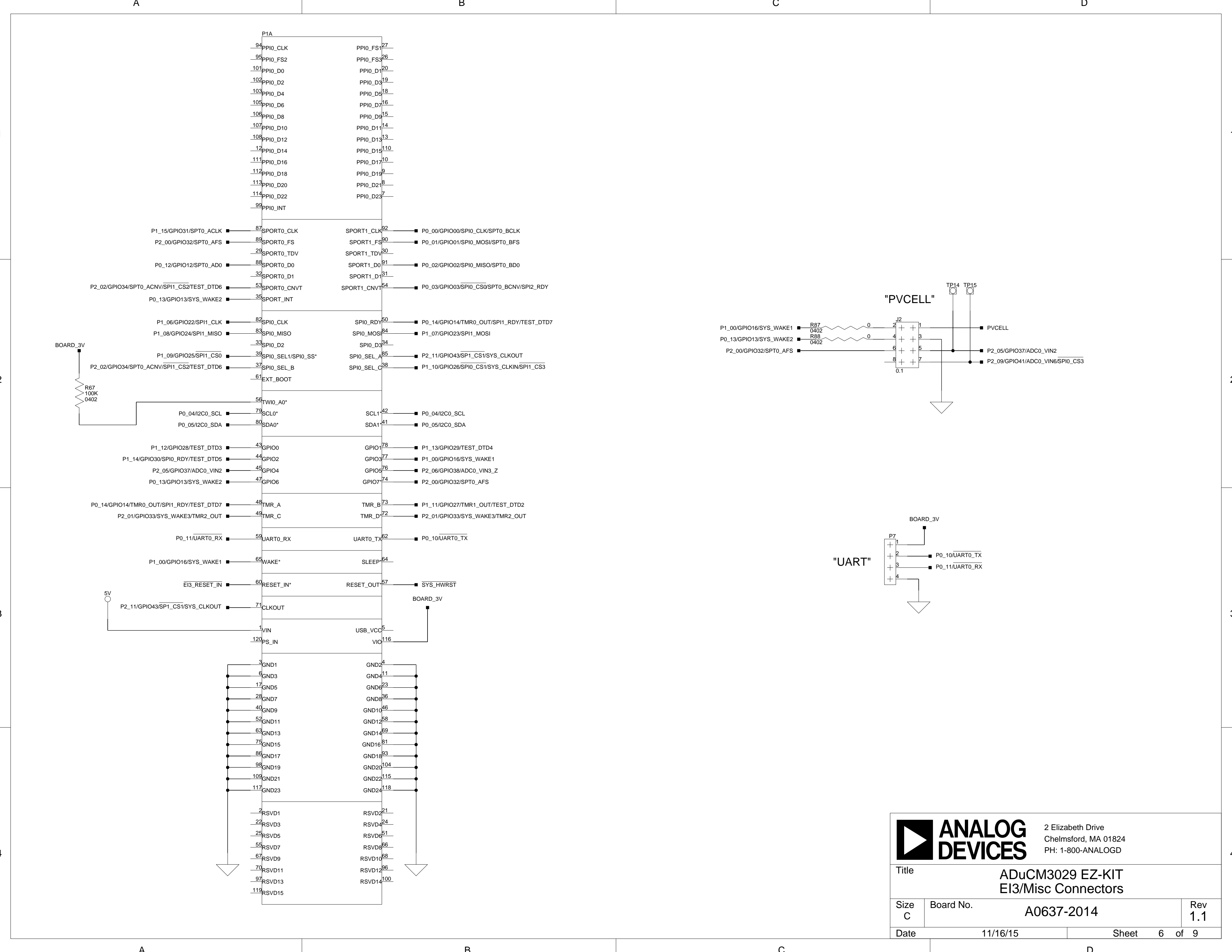
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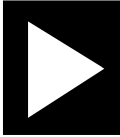
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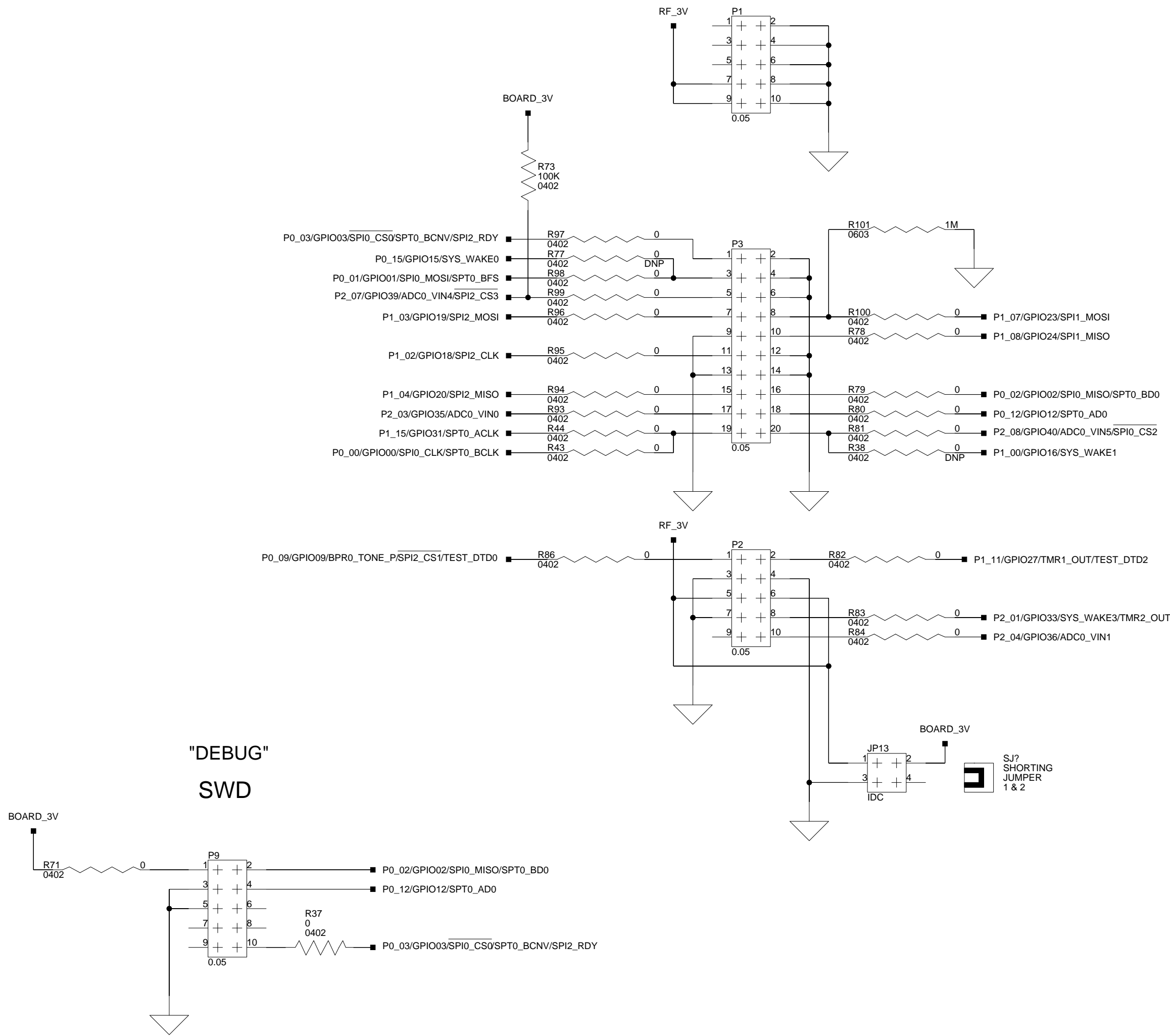
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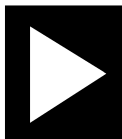
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<div> ANALOG DEVICES</div> <div>2 Elizabeth Drive Chelmsford, MA 01824 PH: 1-800-ANALOGD</div>			
Title ADuCM3029 EZ-KIT EI3/Misc Connectors			
Size C	Board No. A0637-2014		Rev 1.1
Date	11/16/15	Sheet 6 of 9	

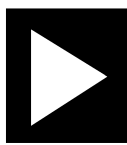
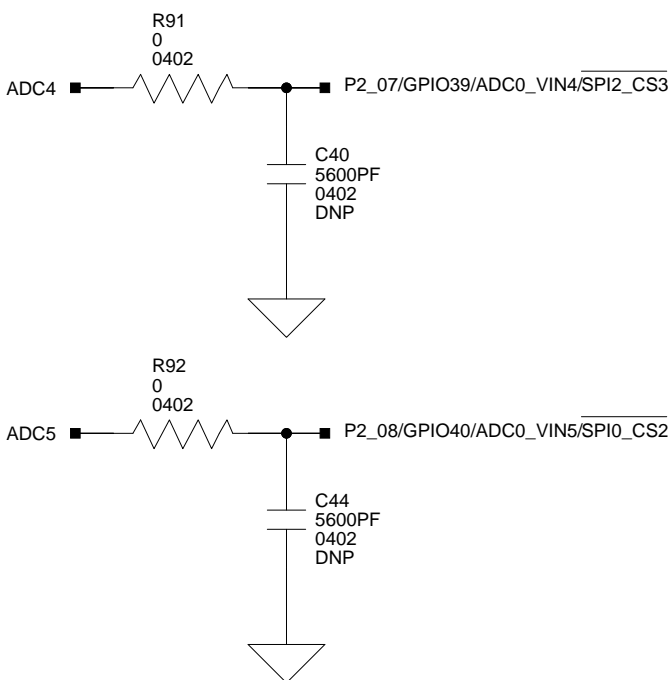
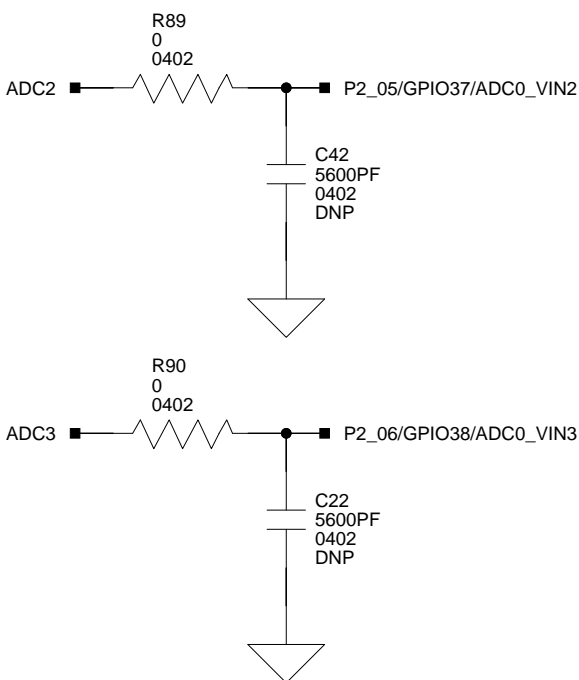
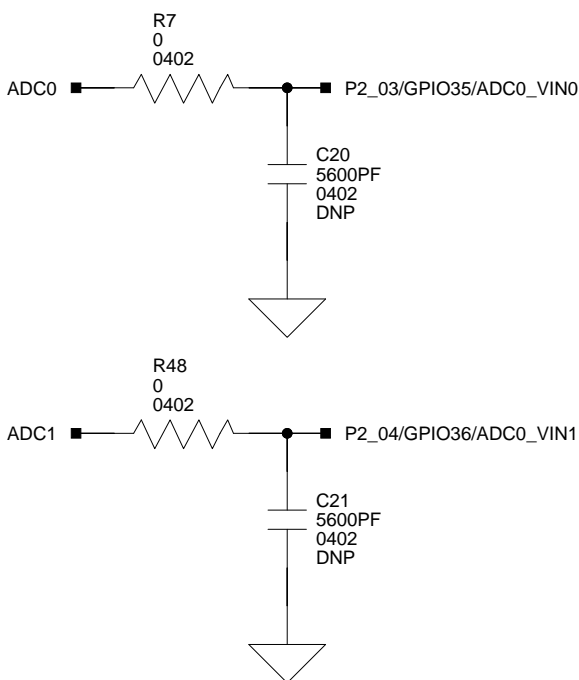
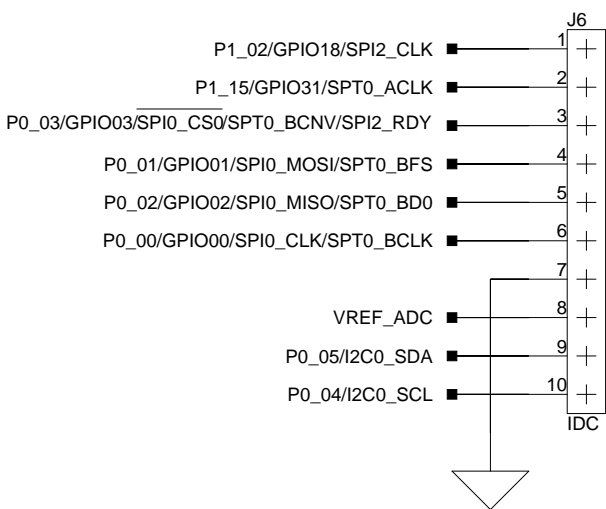
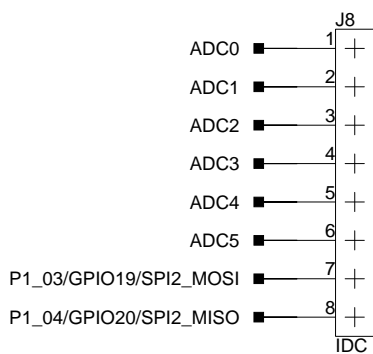
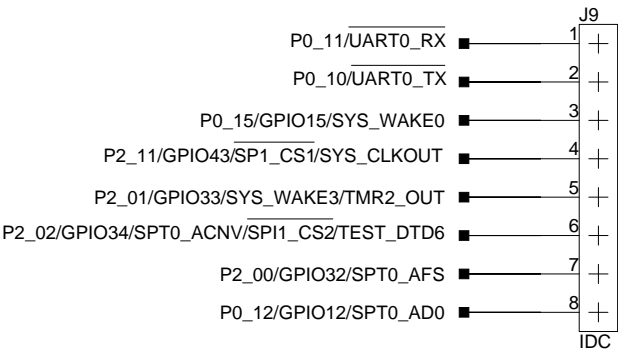
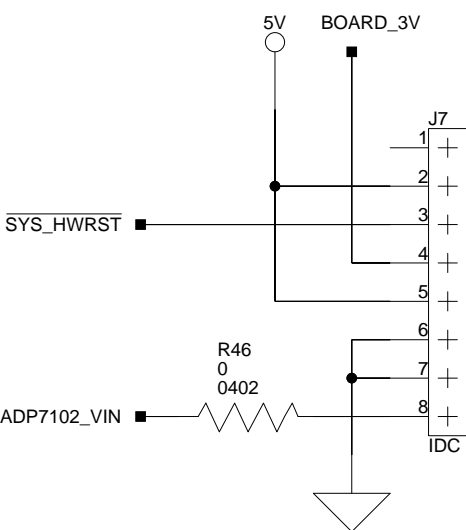




ANALOG
DEVICES

2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title				ADuCM3029 EZ-KIT			
				ADF7xxx Wireless Transceiver Interface			
Size C		Board No.			A0637-2014		Rev 1.1
Date		11/16/15		Sheet		7	of 9



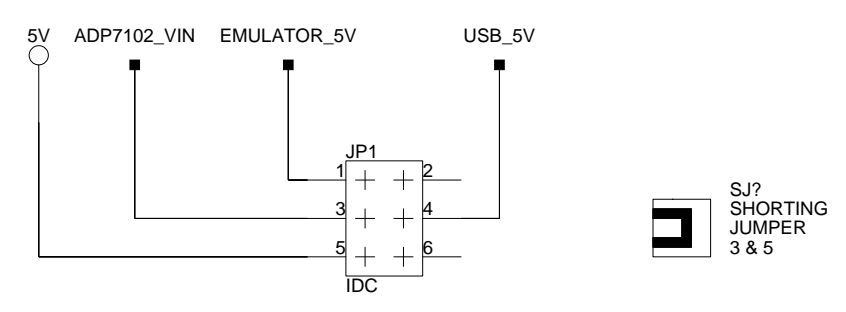
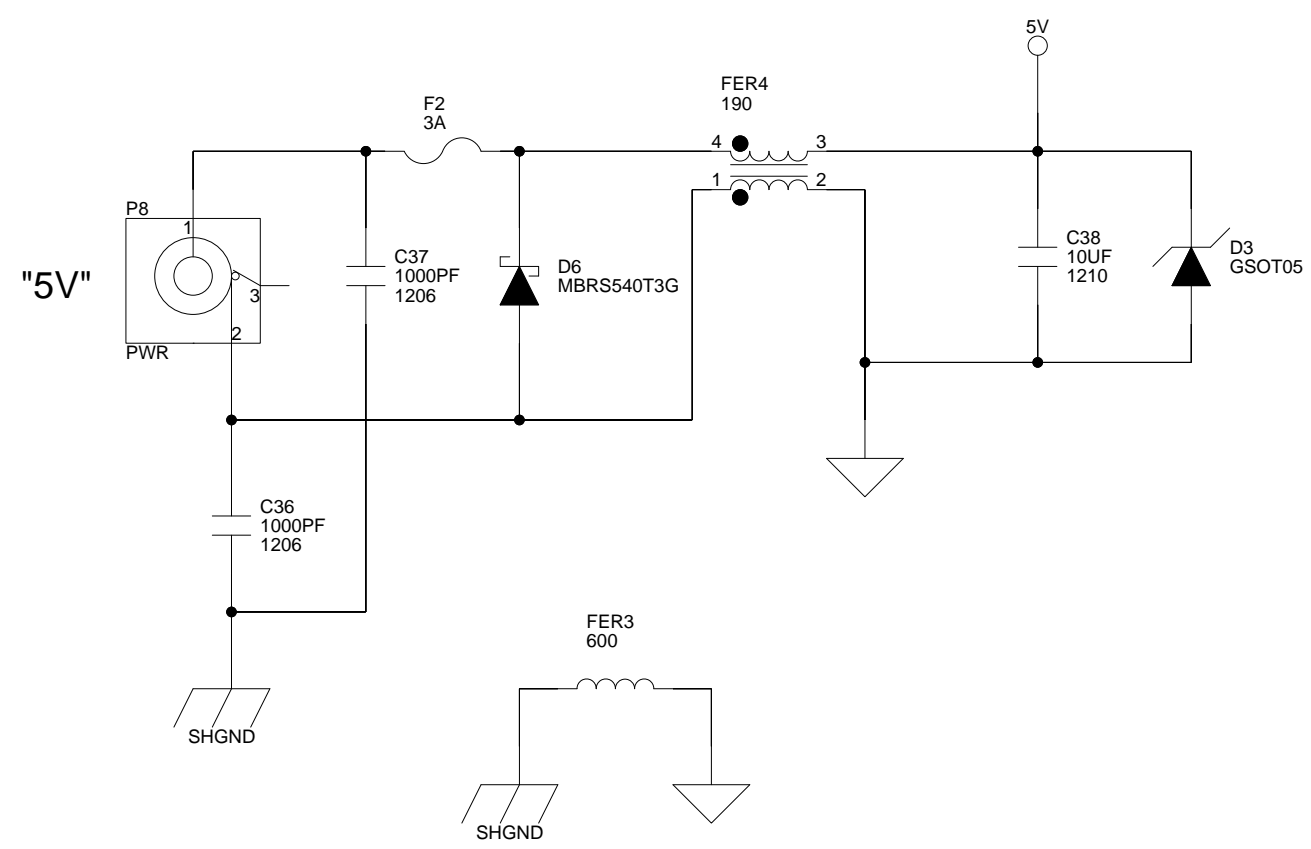
**ANALOG
DEVICES**

2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title
**ADuCM3029 EZ-KIT
Arduino Interface**

Size C	Board No. A0637-2014	Rev 1.1
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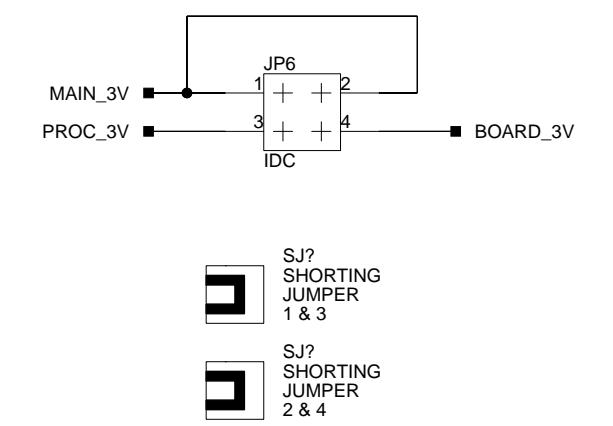
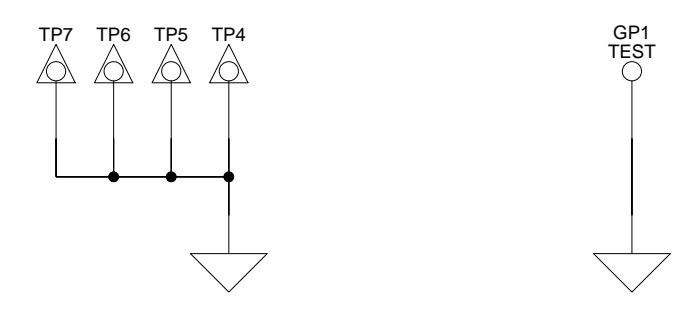
Date 11/16/15	Sheet 8 of 9
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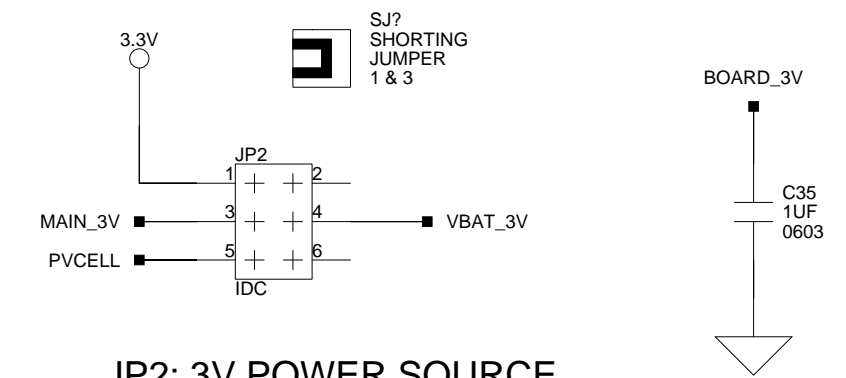
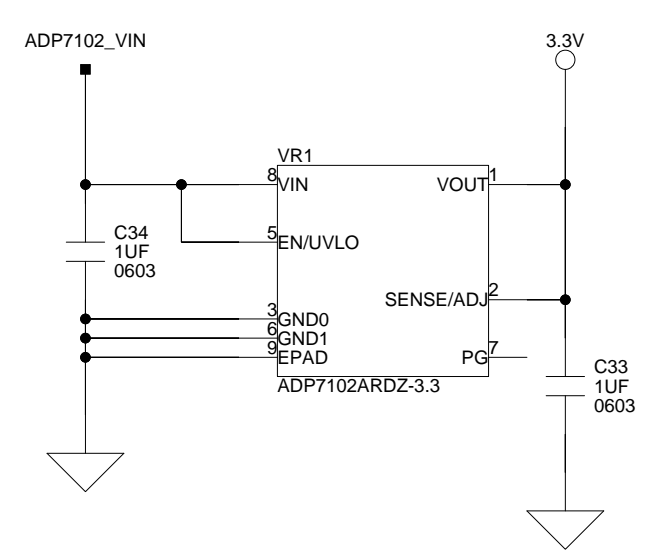
JP1: MAIN POWER

EMULATOR 5V	1 & 3
USB 5V	3 & 4
WALL 5V	3 & 5

DEFAULT



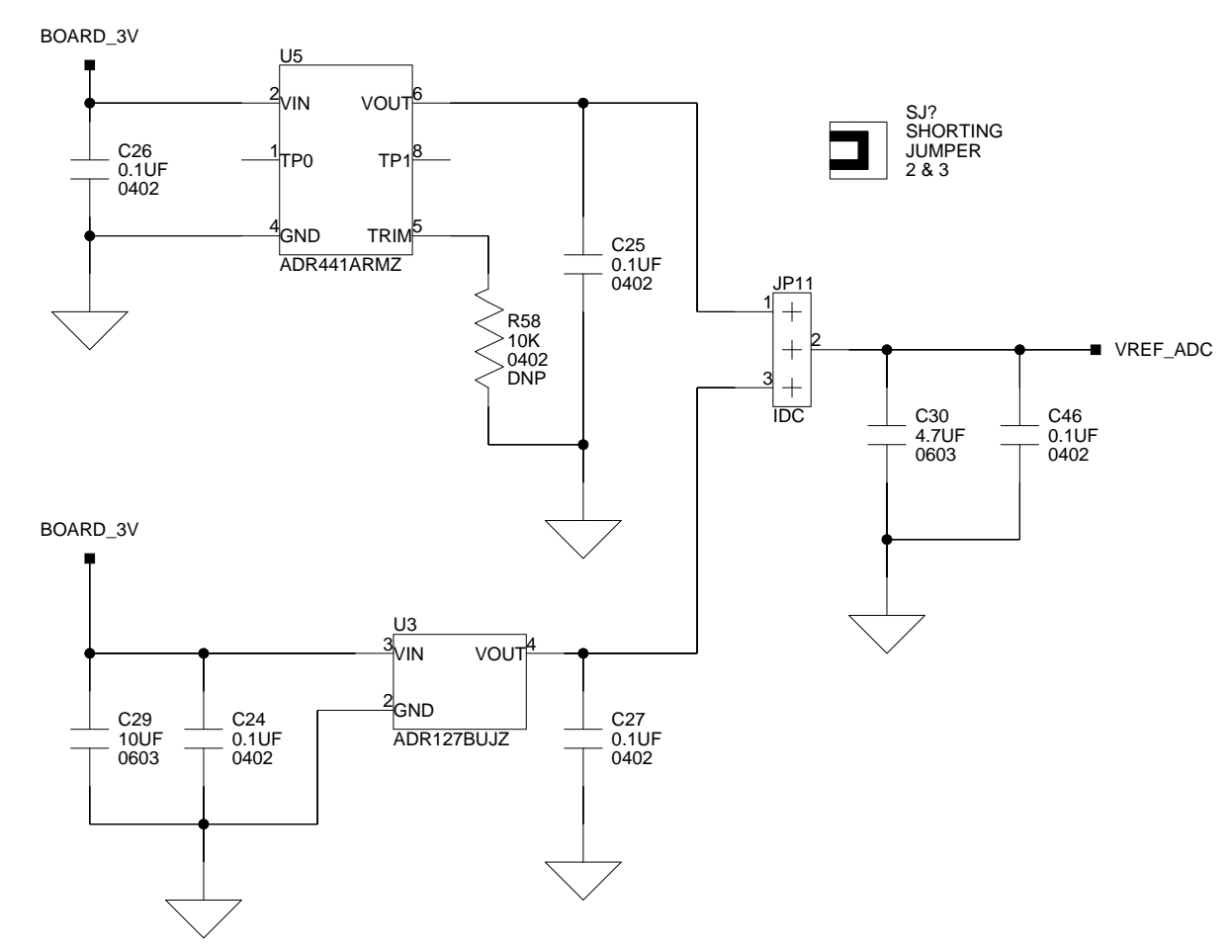
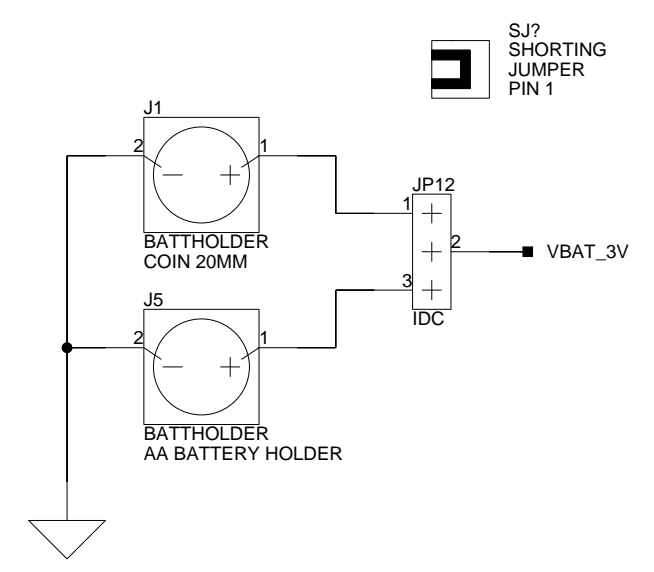
REMOVE JP6 TO MEASURE CURRENT DRAW OF PROCESSOR AND BOARD



JP2: 3V POWER SOURCE

VR1 3V	1 & 3
BATTERY 3V	3 & 4
PVCELL 3V	3 & 5

DEFAULT



2 Elizabeth Drive
Chelmsford, MA 01824
PH: 1-800-ANALOGD

Title ADuCM3029 EZ-KIT Power		
Size C	Board No. A0637-2014	Rev 1.1
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