

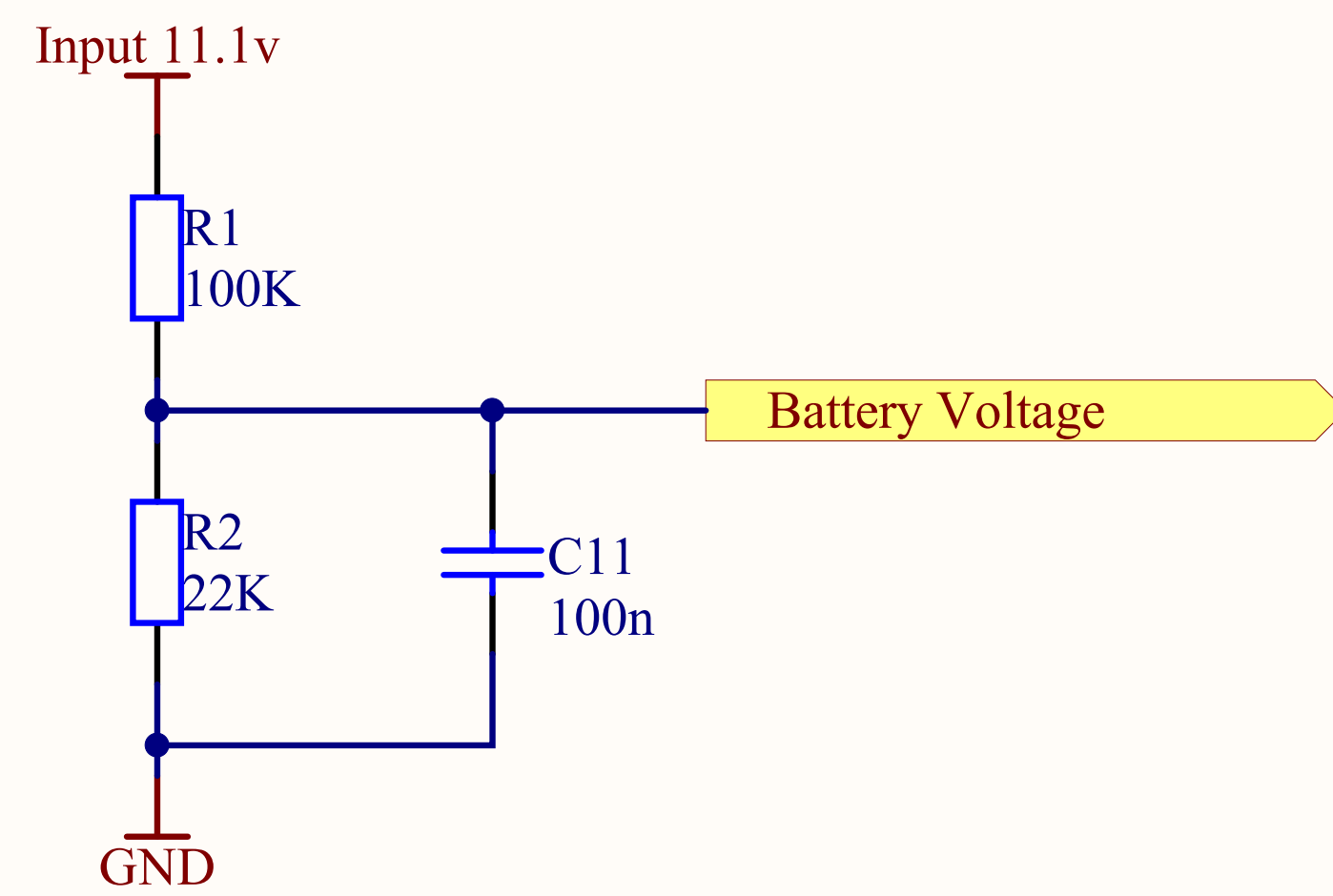
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Title <i>Accelerometer, 3-Axis - SPI</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 10-1-2011	Time: 21:34:26	Sheet of		-	
				<i>WillyPietersz@gmail.com</i>	
File: E:\USE SVN\Projecten\Hardware\keadron\hardware\IMU V1\Accelerometer 3-AXIS - BMA180.SchDoc					

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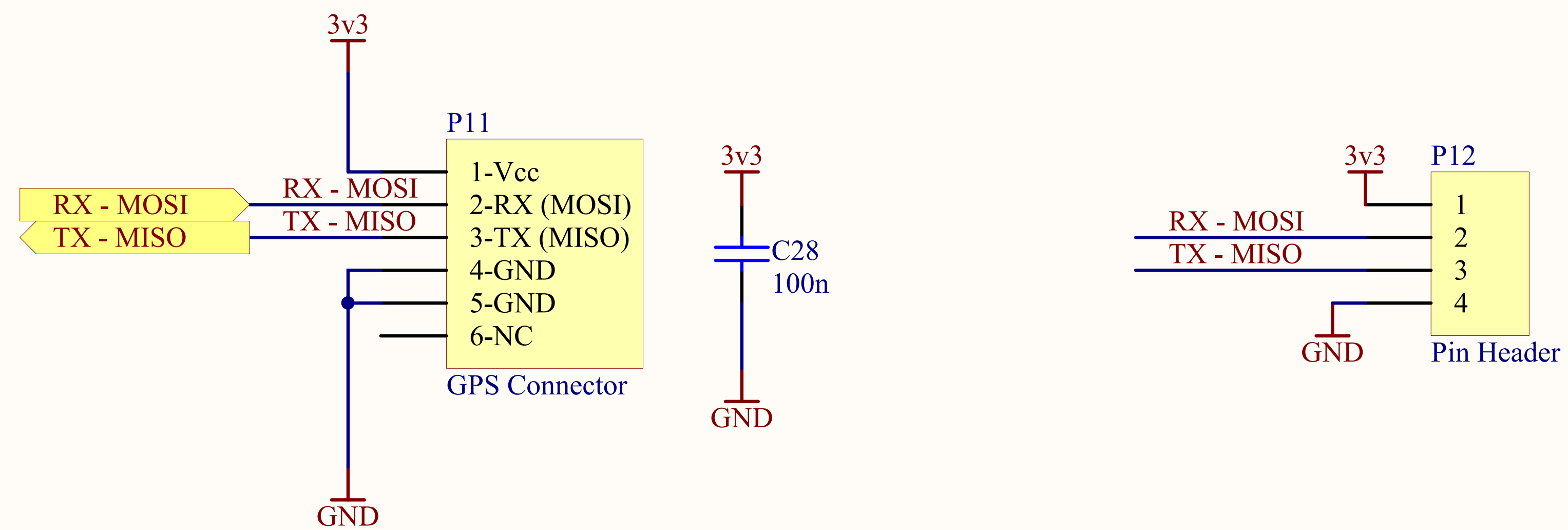
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Title	Battery voltage monitor, 12v Max.			Contact:	-
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-
Date:	10-1-2011	Time:	21:34:26	Sheet of	-
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Battery Voltage 12v Max.SchDoc				-

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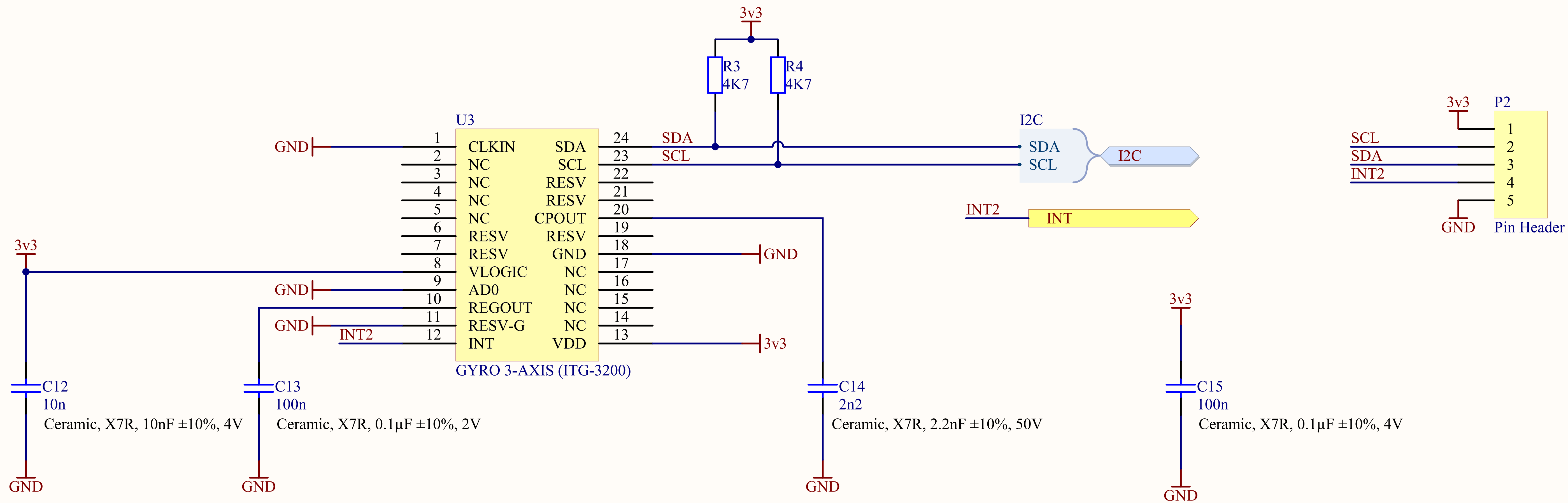
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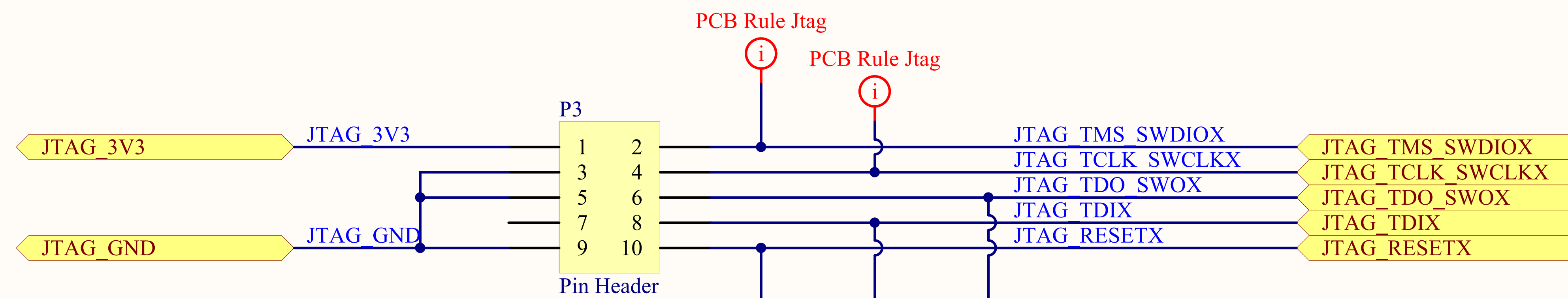
Title <i>GPS Connector</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 10-1-2011	Time: 21:34:26	Sheet of		-	<i>WillyPietersz@gmail.com</i>
File: E:\USE SVN\Projecten\Hardware\keadron\hardware\IMU V1\GPS Connector - LS20031.SchDoc				-	

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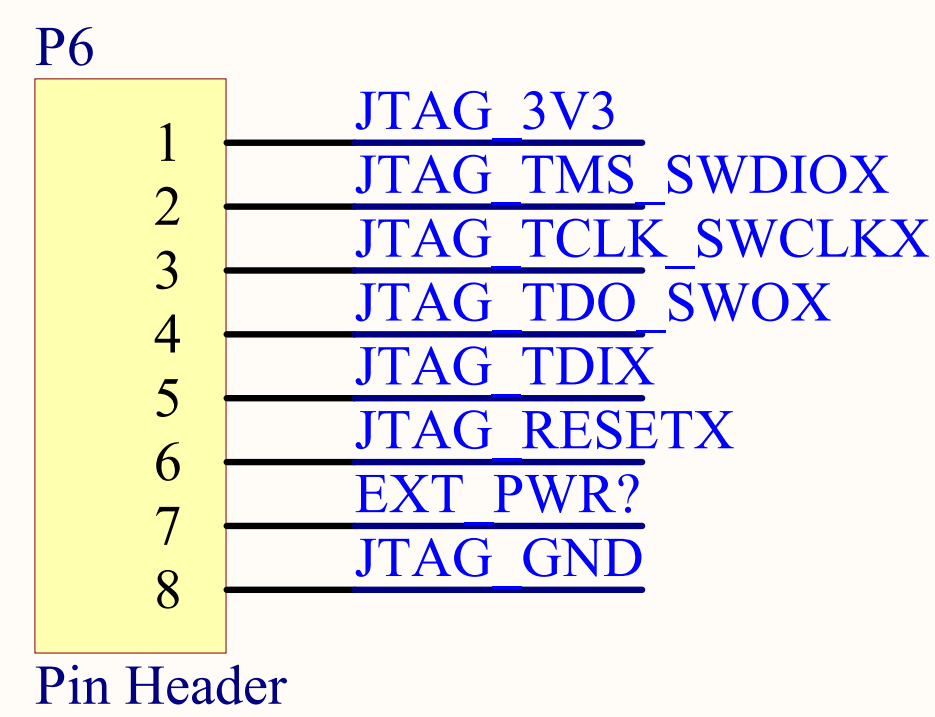


Title <i>Gyroscope, 3-Axis - I2C</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 10-1-2011	Time: 21:34:26	Sheet of		-	
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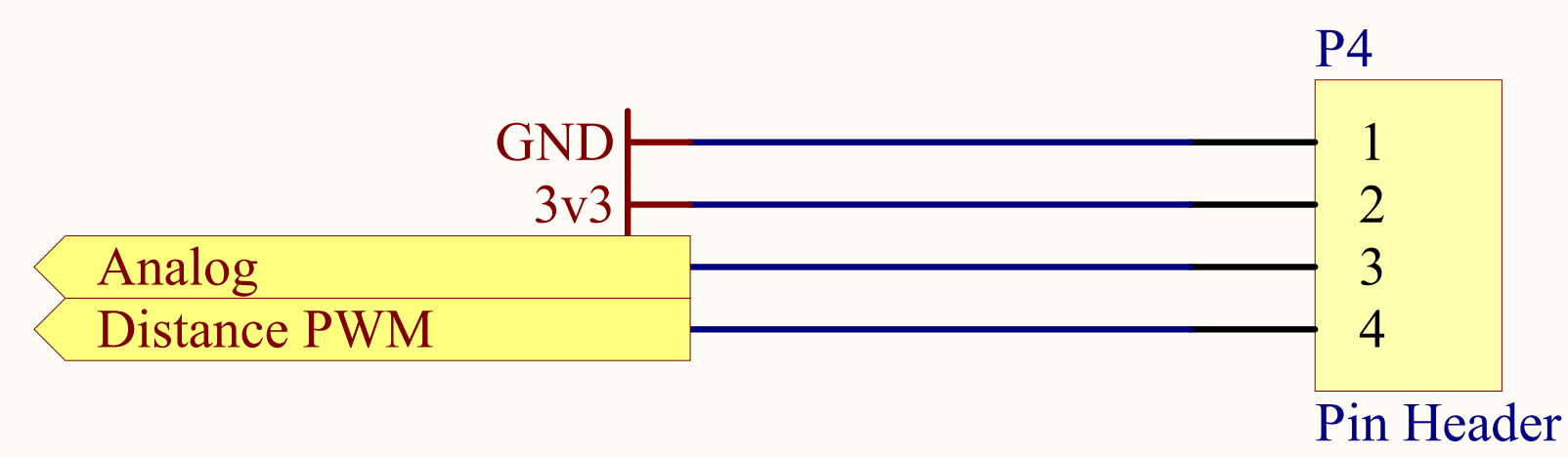
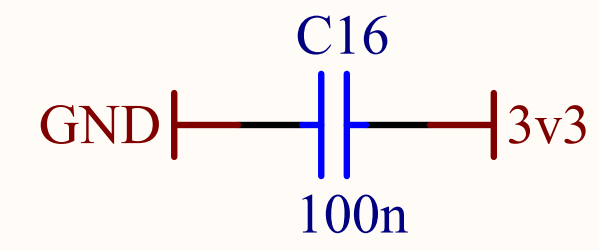
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Title <i>JTAG Interface</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 10-1-2011	Time: 21:34:26	Sheet of		-	
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Title	<i>Distance echo sensor</i>			Contact:	- www.wnpd.nl
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Date:	10-1-2011	Time:	21:34:26	Sheet of	-
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\LV-MaxSonar Connector.SchDoc				- WillyPietersz@gmail.com

A

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A

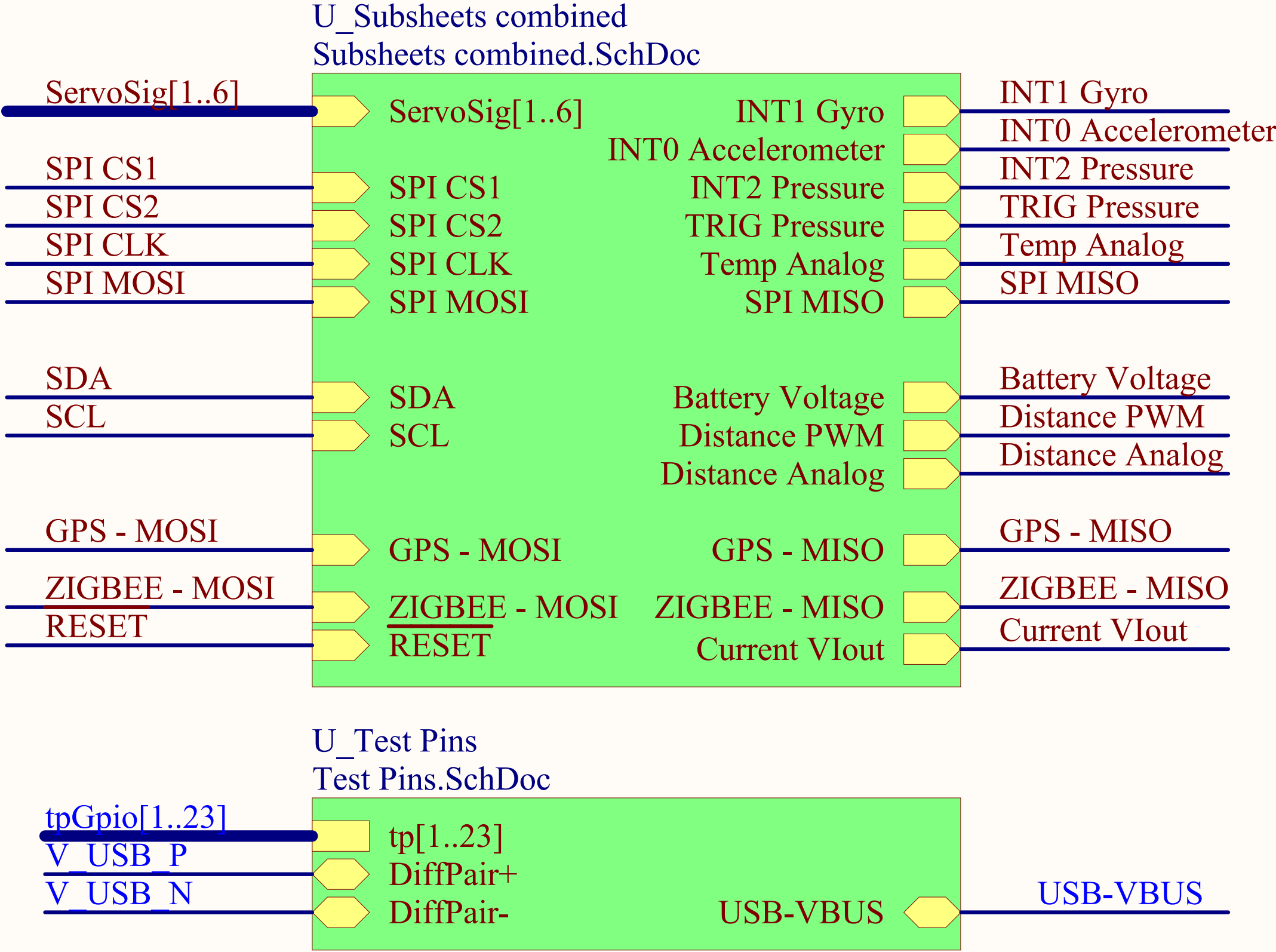
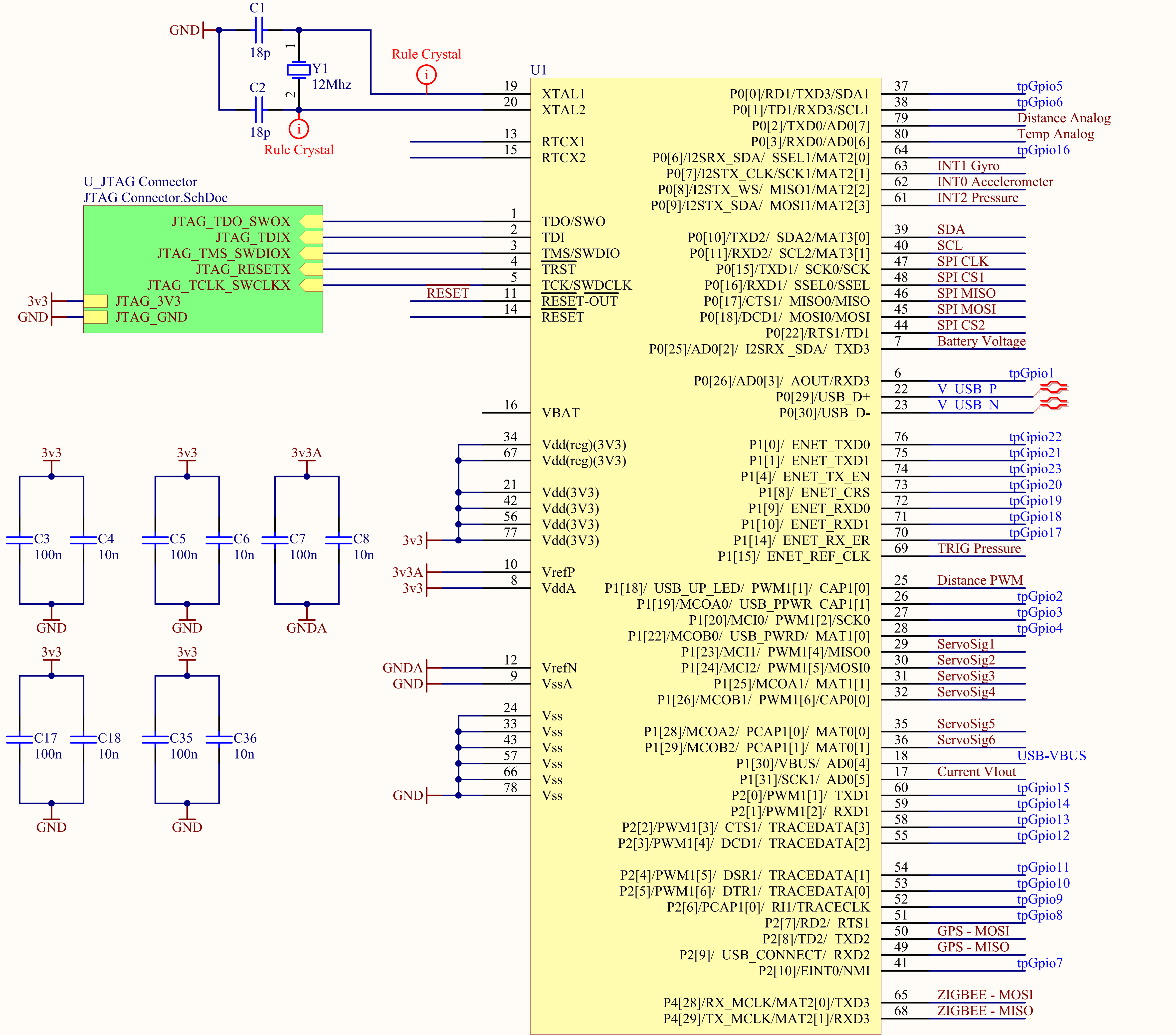
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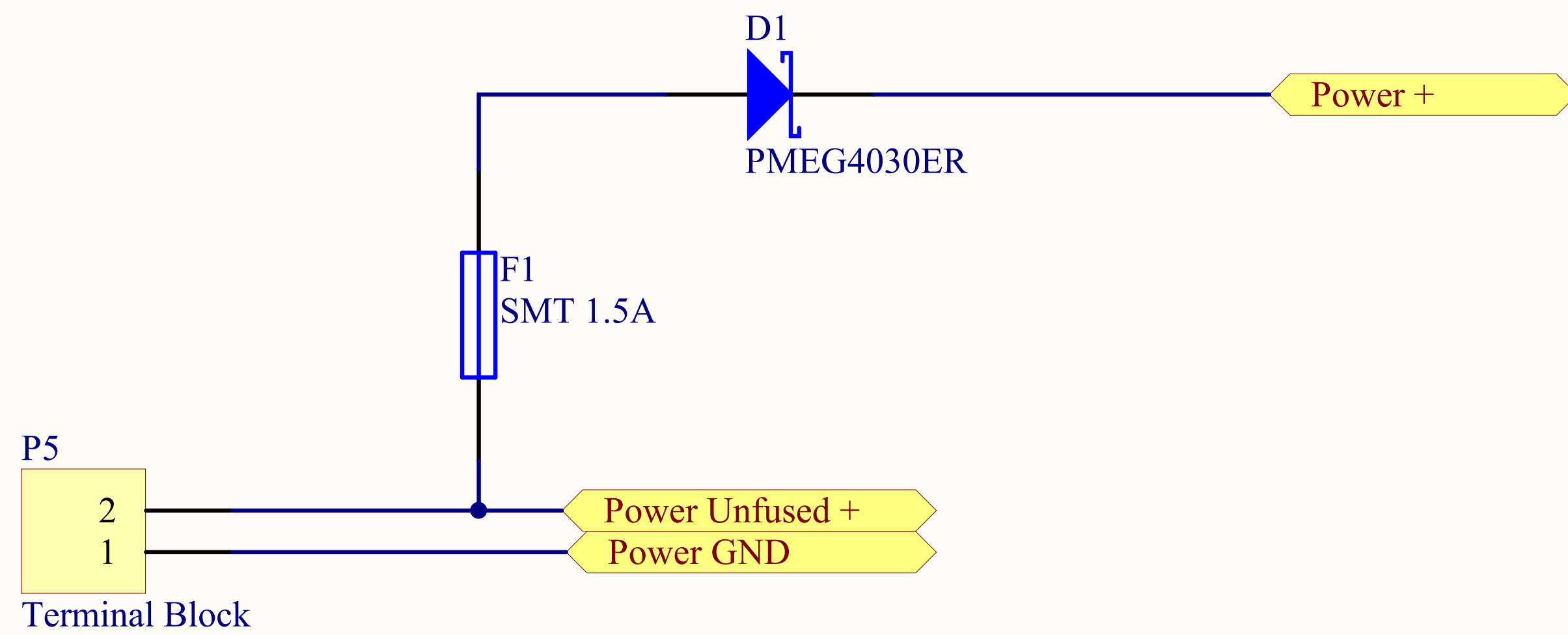
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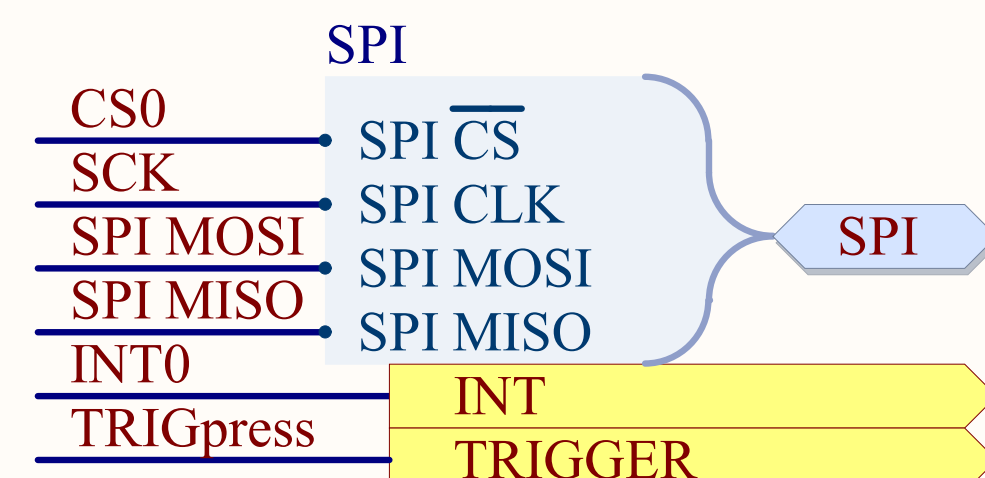
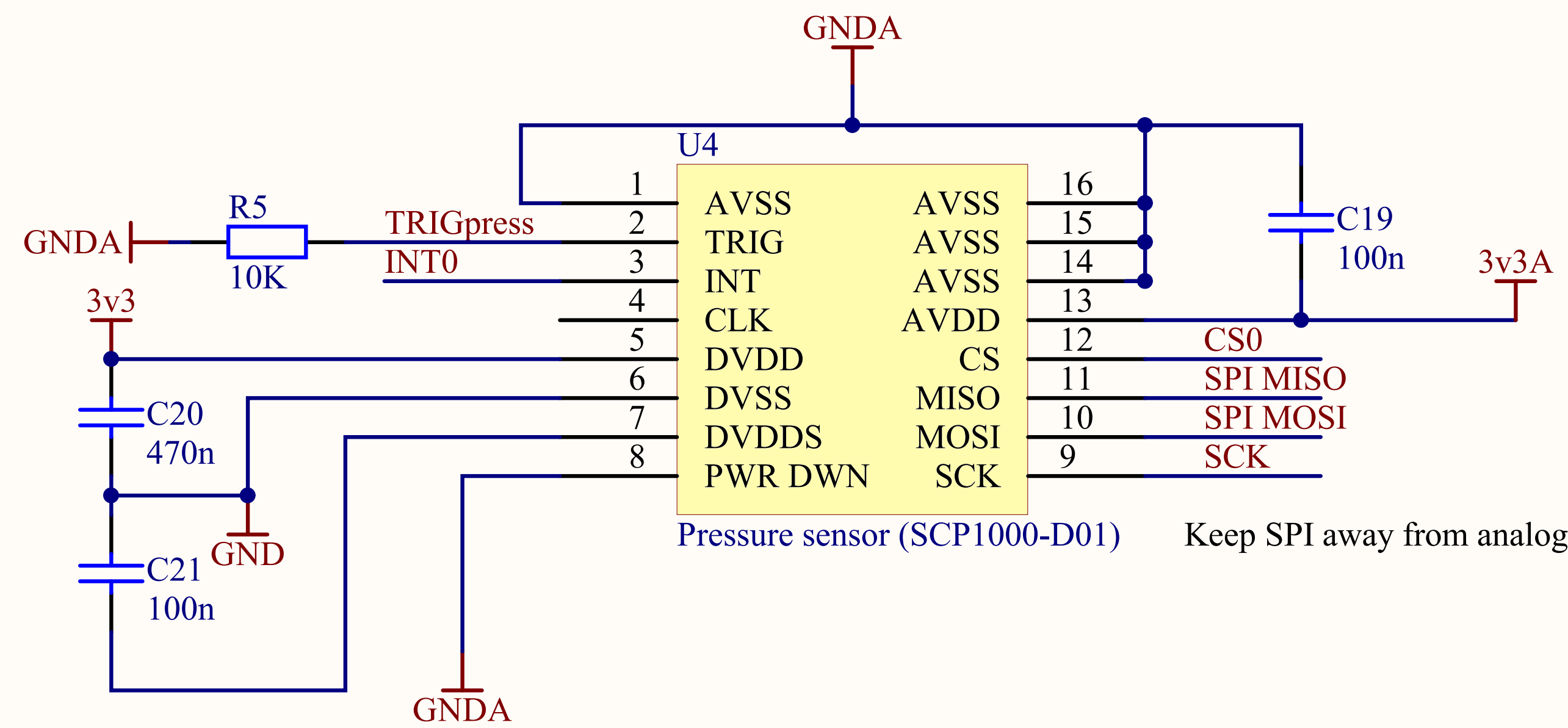
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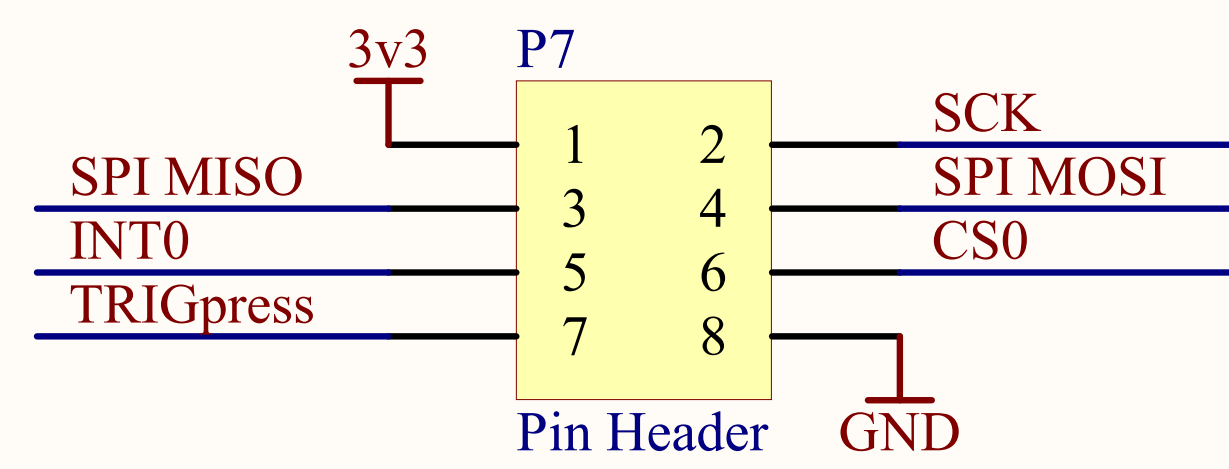
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Title <i>Power Supply Entry</i>			Contact:	-	www.wnpd.nl
Size: A4	Name: Ing. W. Pietersz	Revision:		-	-
Date: 10-1-2011	Time: 21:34:26	Sheet of		-	WillyPietersz@gmail.com
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Power Entry 24v-3pin Fused-1A5.SchDoc				-	

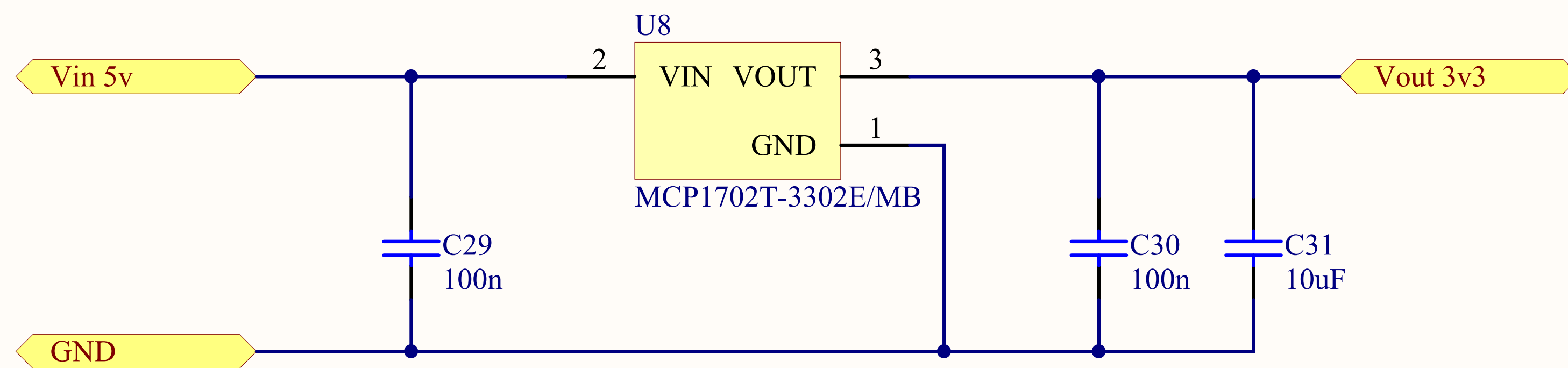


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Title <i>Pressure sensor -SPI</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 10-1-2011	Time: 21:34:27	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Pressure sensor - SCP1000-D01.SchDoc			- <i>WillyPietersz@gmail.com</i>		



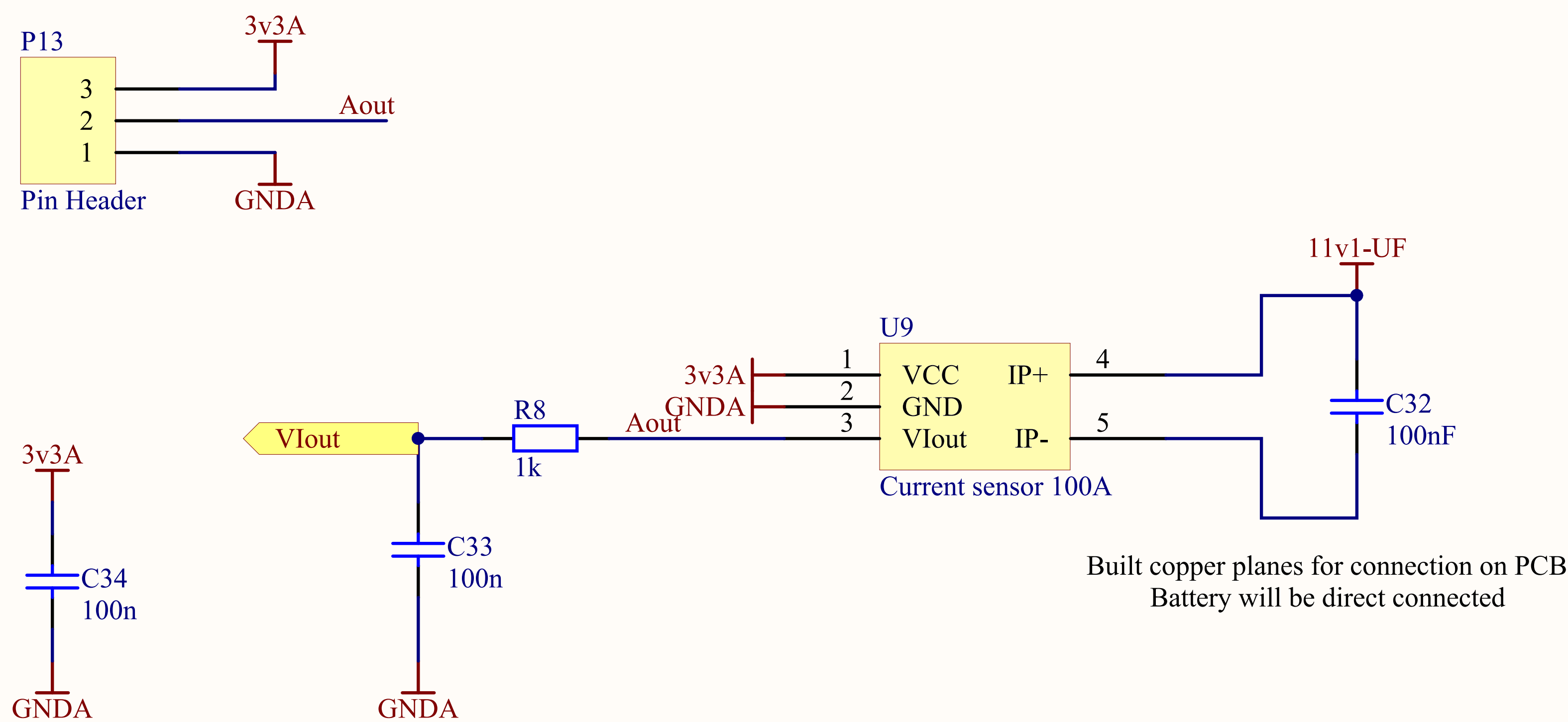
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Title <i>Regulator 3v3 out</i>			Contact:	-
Size: A4	Name: Ing. W. Pietersz	Revision:		-
Date: 10-1-2011	Time: 21:34:27	Sheet of		-
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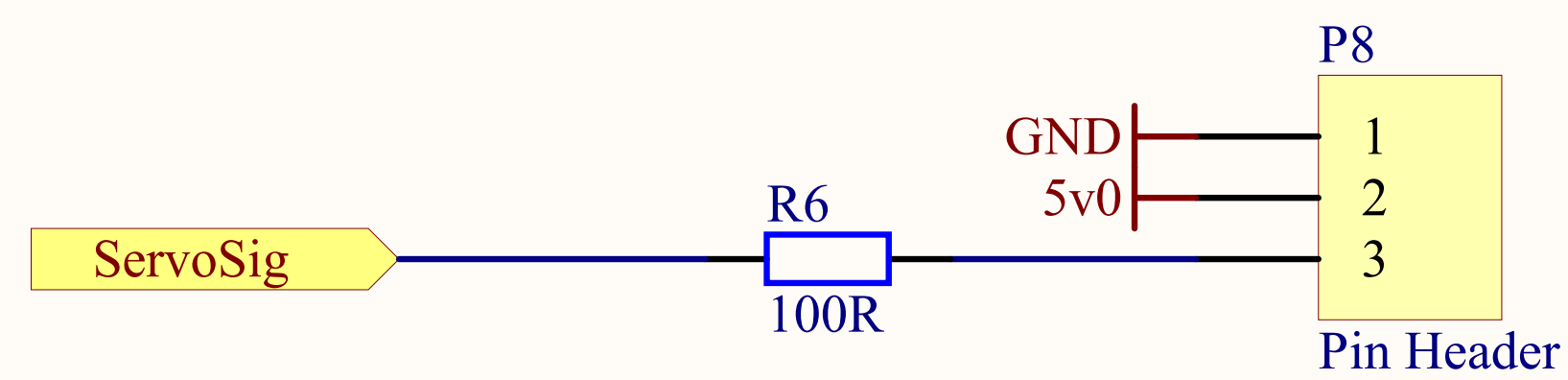
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Built copper planes for connection on PCB
Battery will be direct connected

Title	Hall-Sensor, 100A Max.			Contact:	-	www.wnpd.nl
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	10-1-2011	Time:	21:34:27	Sheet of	-	
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Sensor current 100A.SchDoc				-	



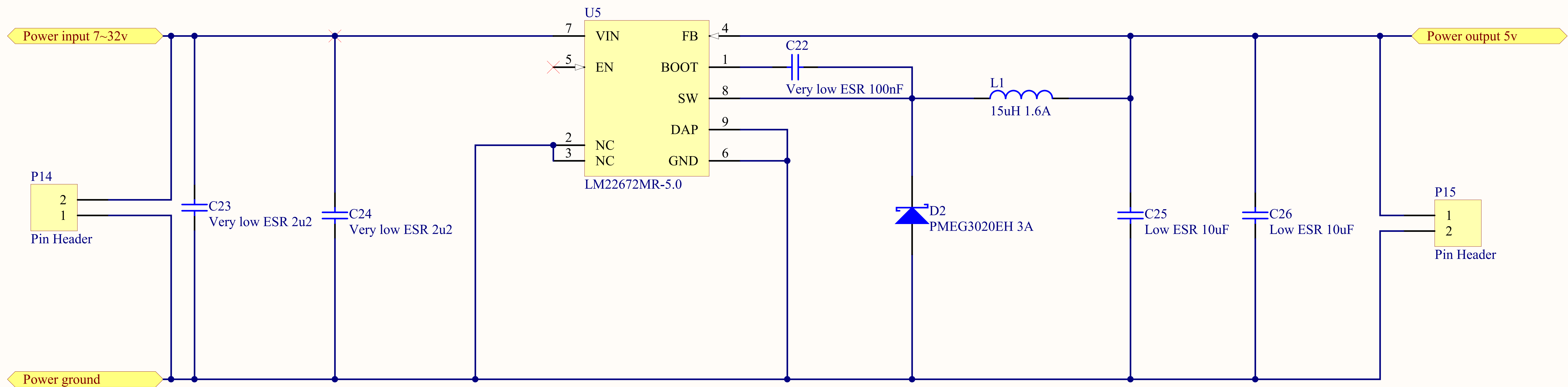
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Title	<i>Servo connector in/out</i>			Contact:	-	www.wnnpd.nl
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	10-1-2011	Time:	21:34:27	Sheet of	-	
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\ServoConnector.SchDoc					

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Title: <i>SMPS 5v 1A - low ripple</i>			Contact:	-	www.wnpd.nl
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 10-1-2011	Time: 21:34:27	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\SMPS 1000mA - LM22672.SchDoc				-	

A

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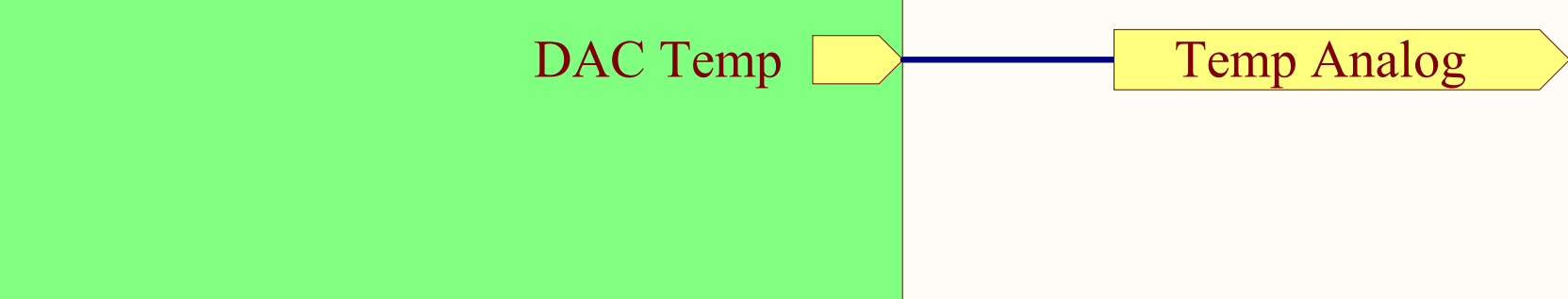
A

B

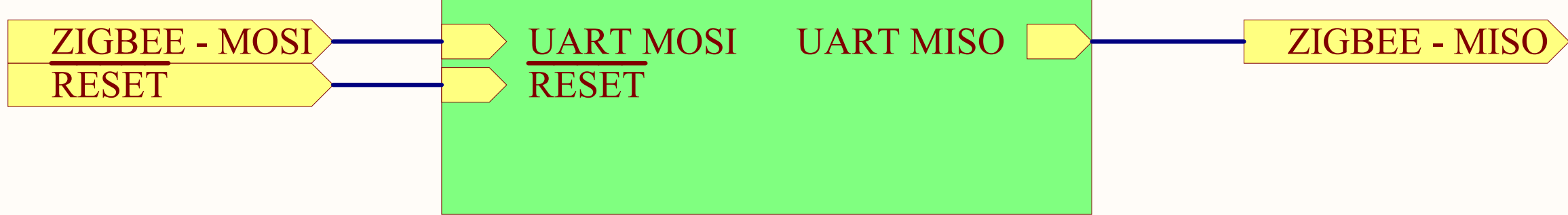
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D

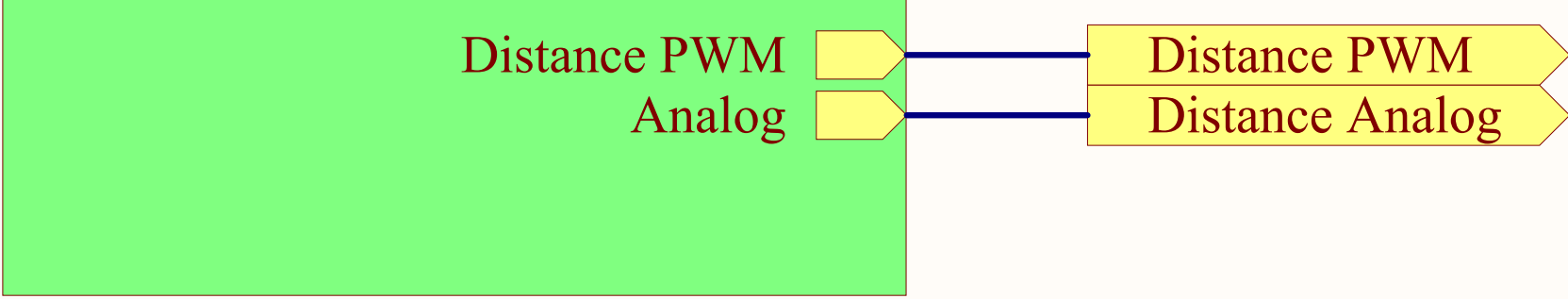
U_Temperature sensor - TC1046VNBTR
Temperature sensor - TC1046VNBTR.SchDoc



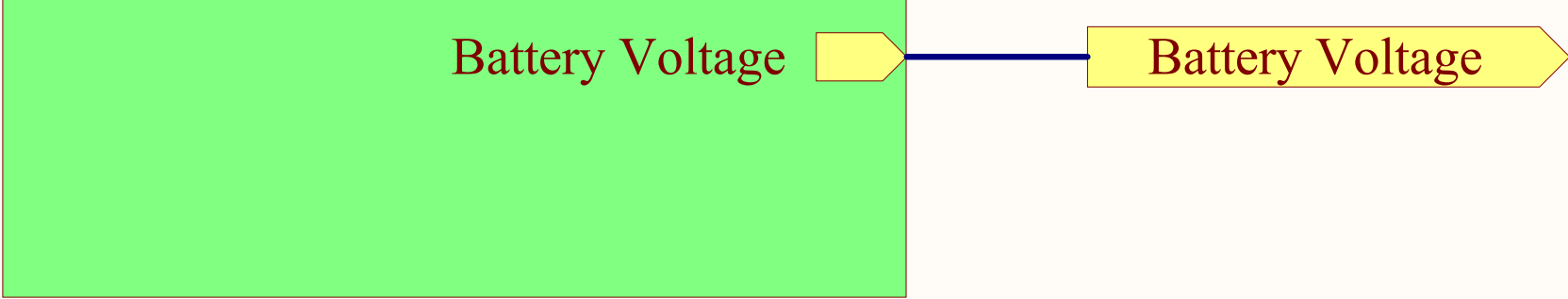
U_Zigbee interface
Zigbee interface.SchDoc



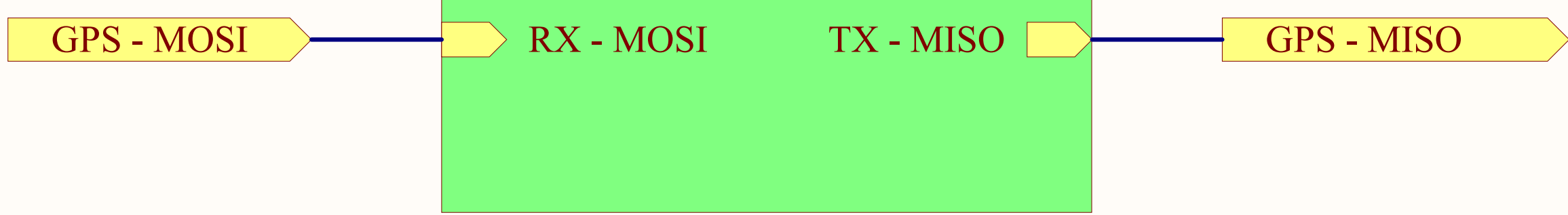
U_LV-MaxSonar Connector
LV-MaxSonar Connector.SchDoc



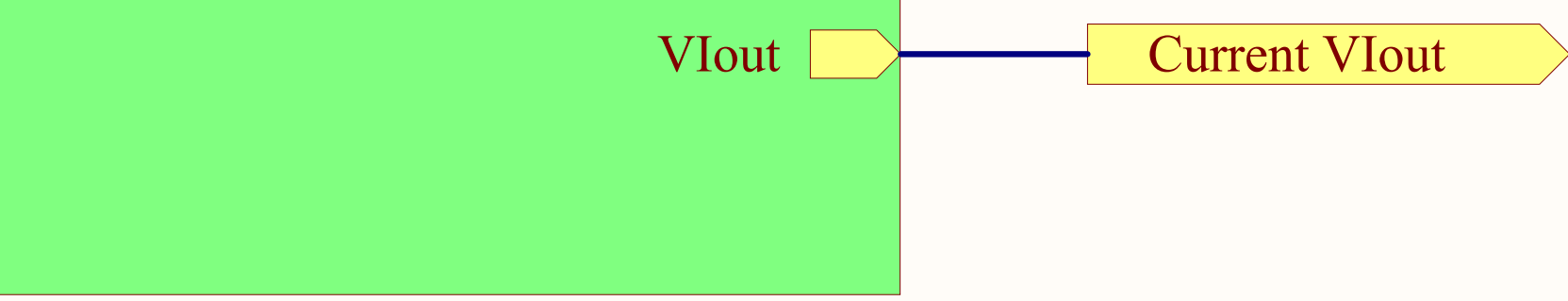
U_Battery Voltage 12v Max
Battery Voltage 12v Max.SchDoc



U_GPS Connector - LS20031
GPS Connector - LS20031.SchDoc

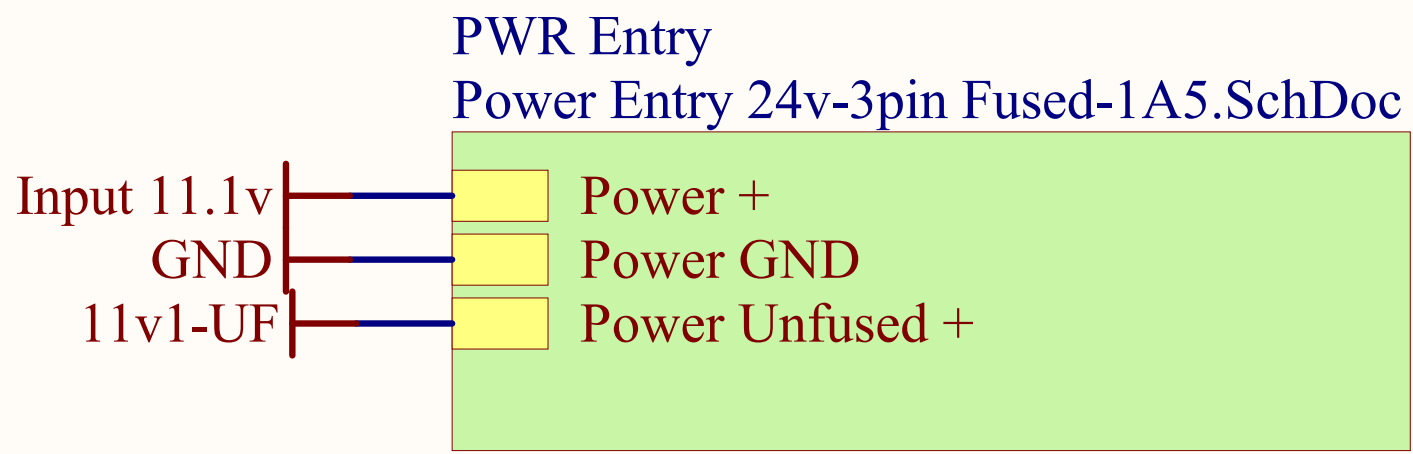
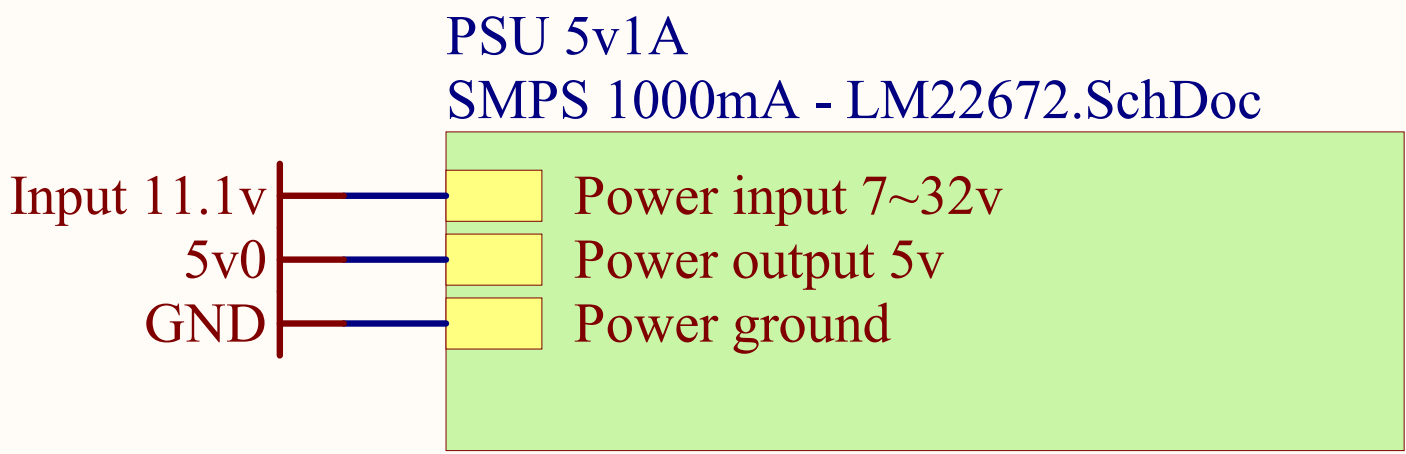
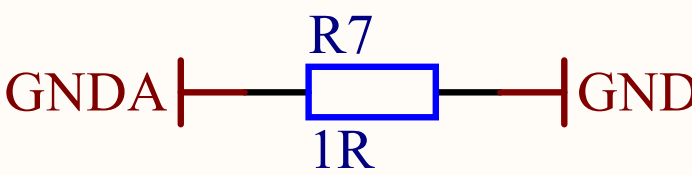
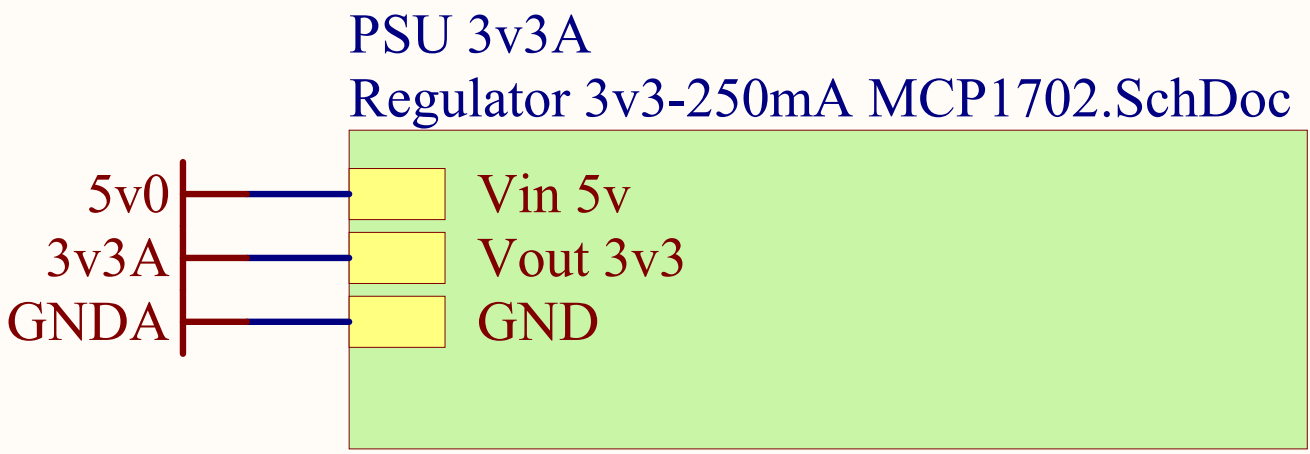
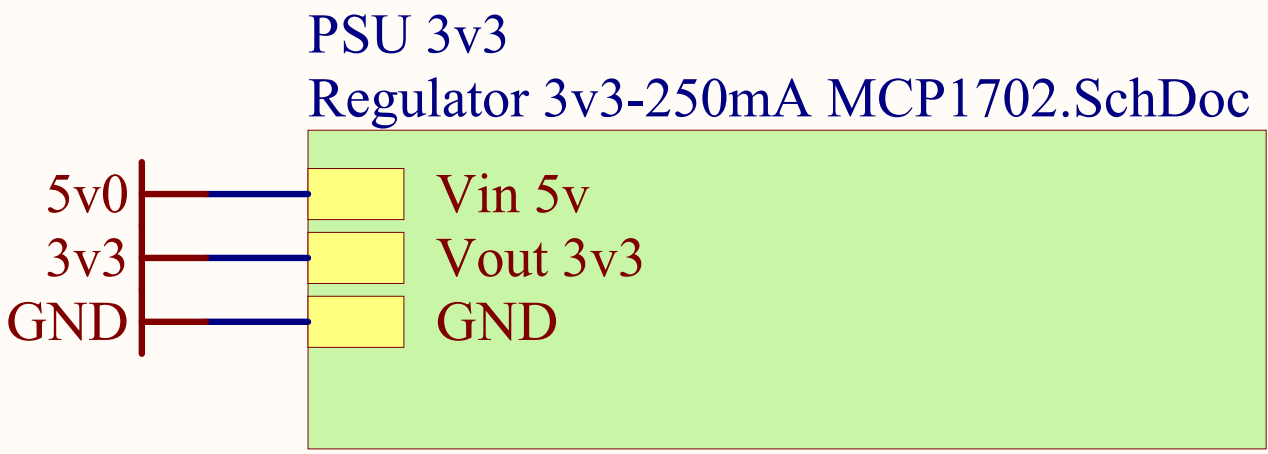
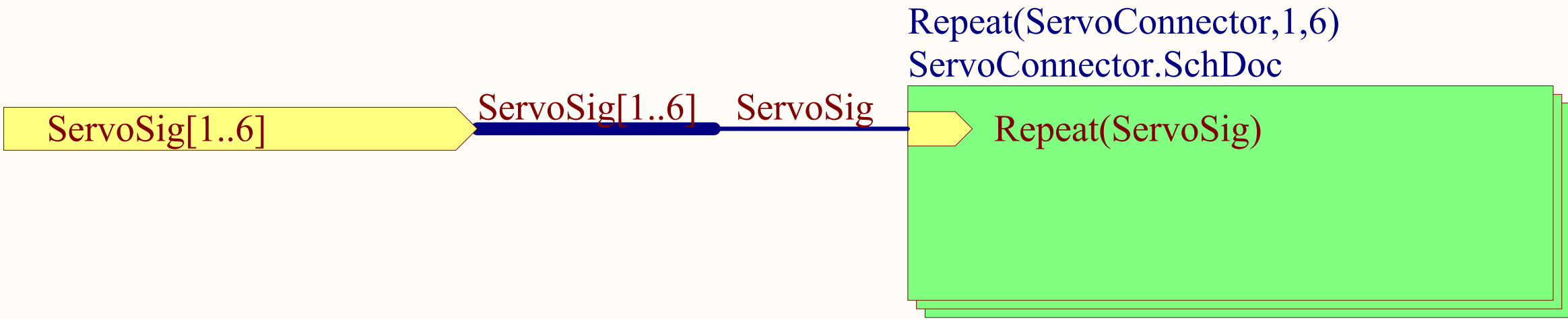
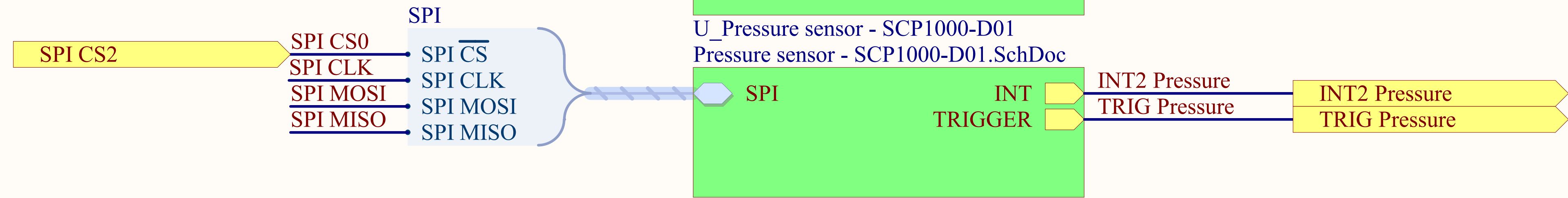
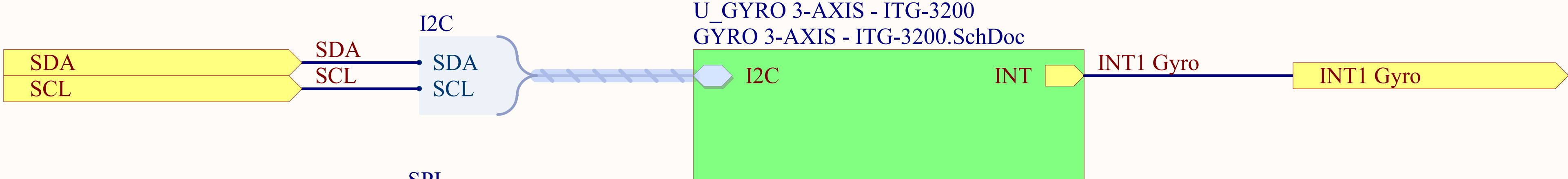
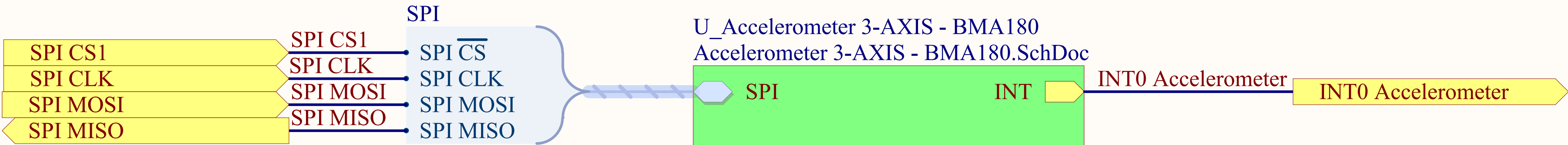


U_Sensor current 100A
Sensor current 100A.SchDoc

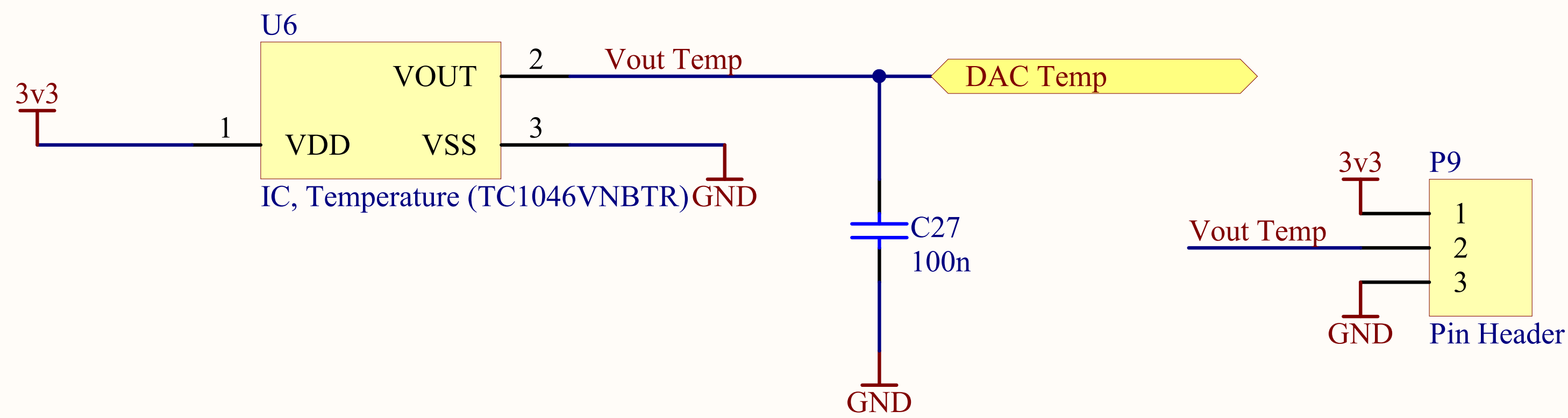


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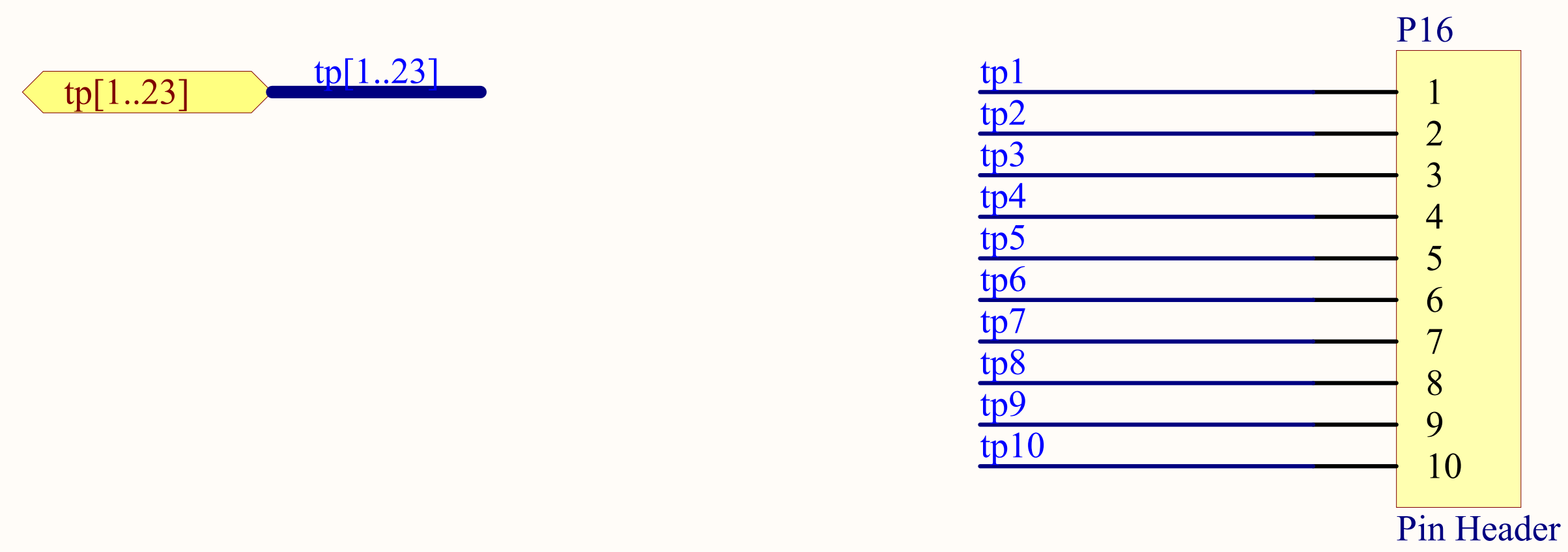
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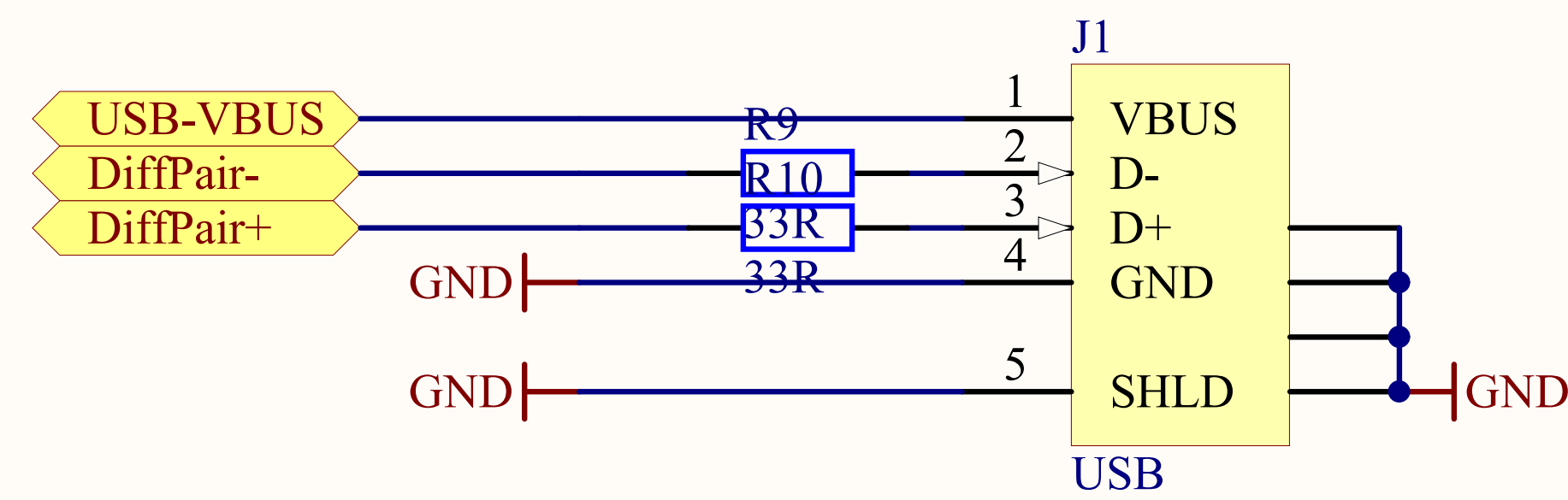
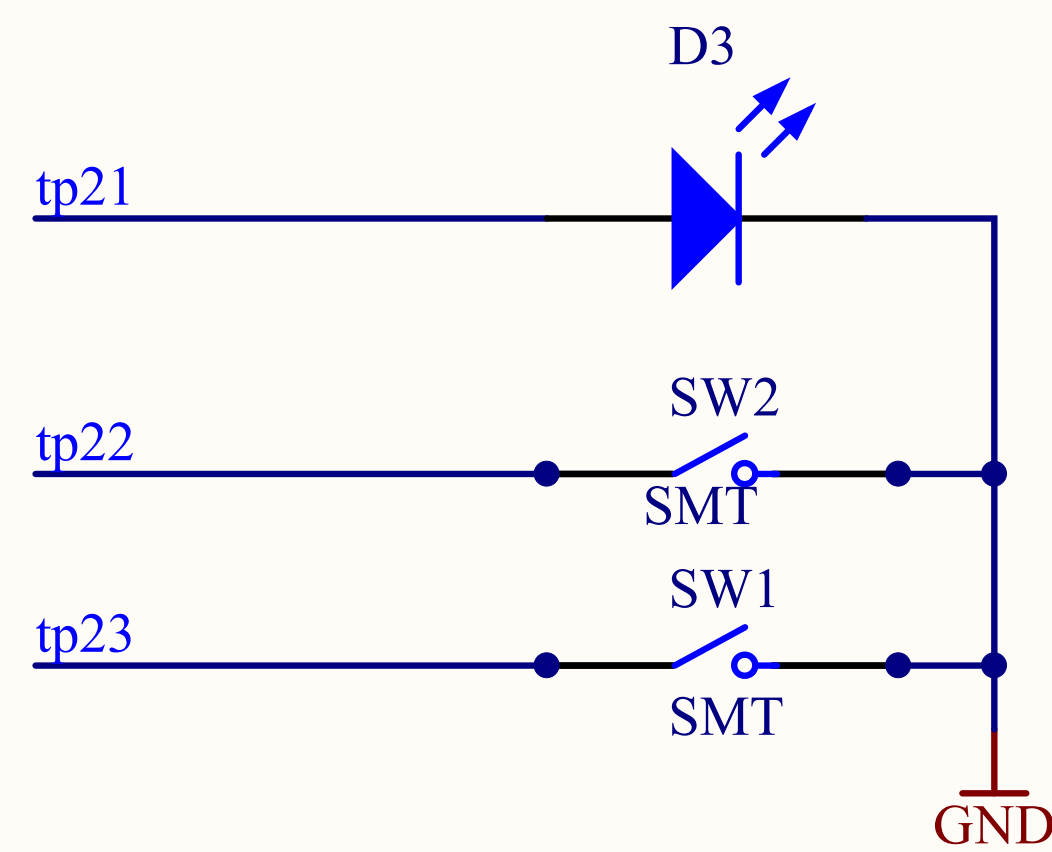
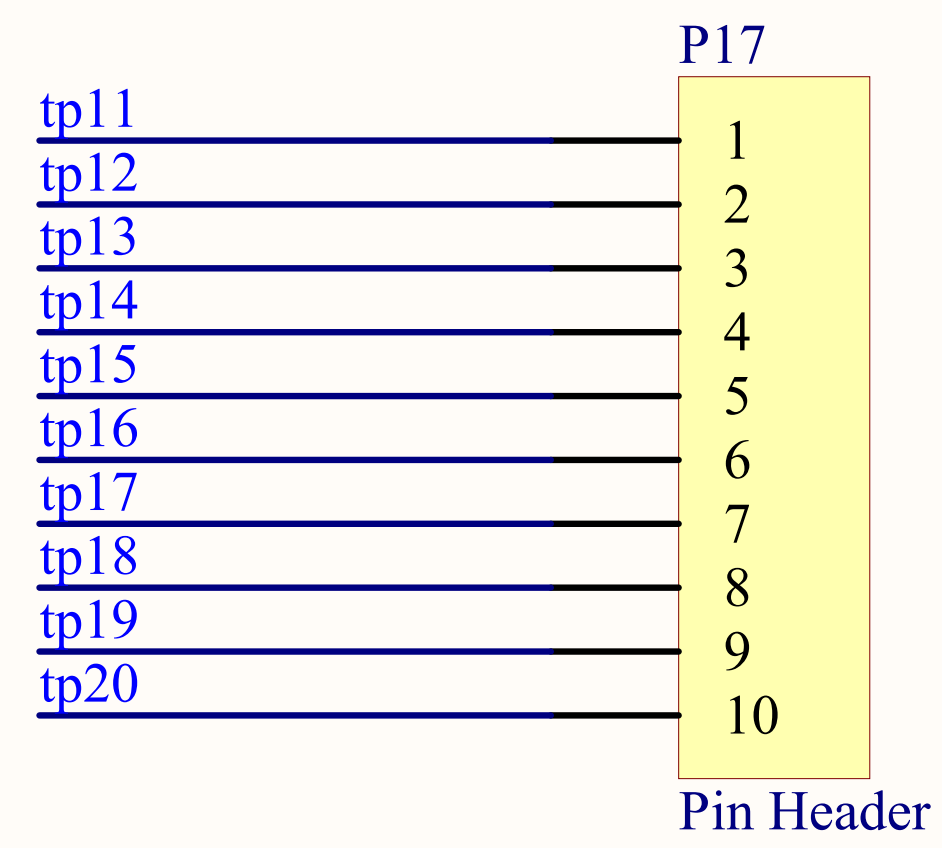
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Title	<i>Temperature sensor - Analog out</i>			Contact:	- <i>www.wnpd.nl</i>
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-
Date:	10-1-2011	Time:	21:34:27	Sheet of	-
File:	E:\USE SVN\Projecten\Hardware\kadrone\hardware\IMU V1\Temperature sensor - TC1046VNBTR.SchDoc				- <i>WillyPietersz@gmail.com</i>



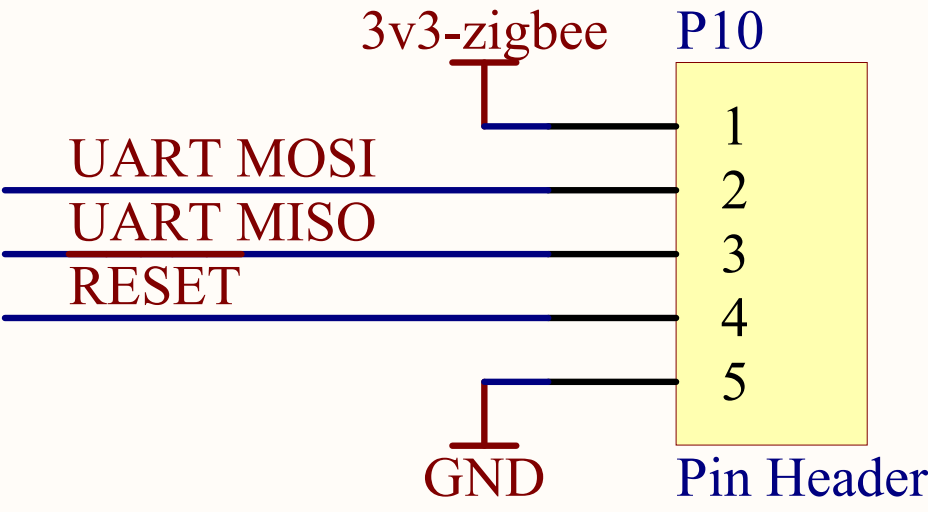
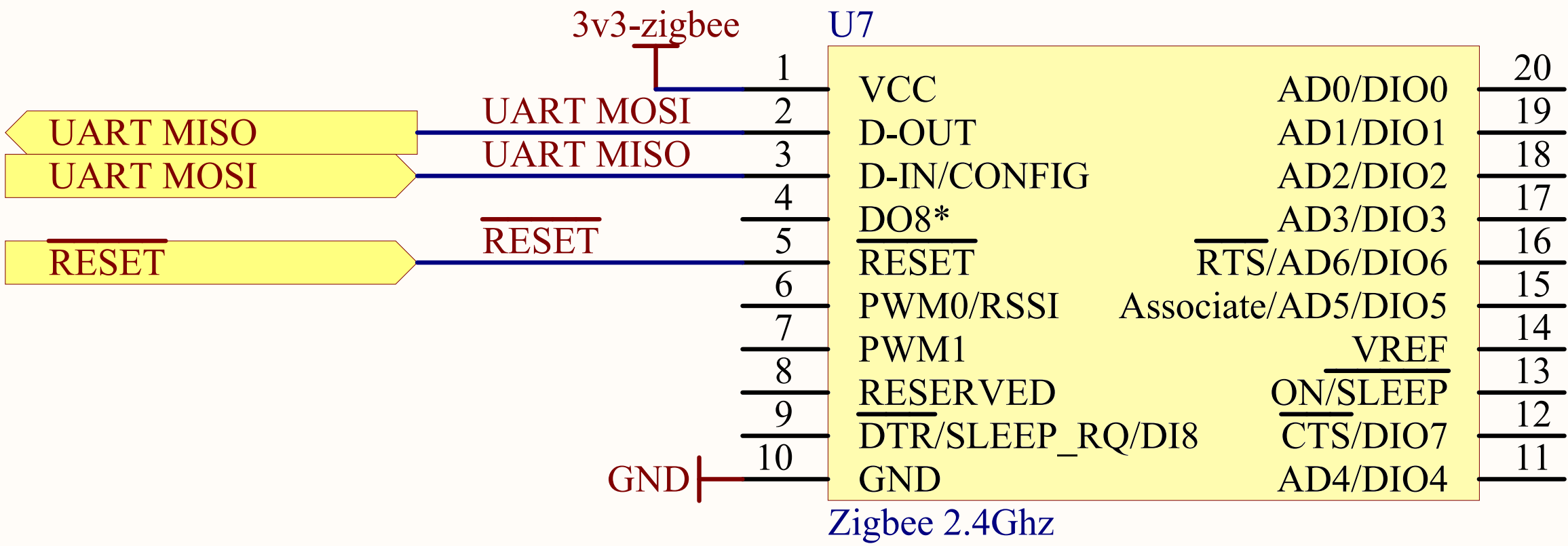
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Title	<i>Optional ext. IO</i>			Contact:	-	www.wnpd.nl
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	10-1-2011	Time:	21:34:27	Sheet of	-	
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Test Pins.SchDoc					

A

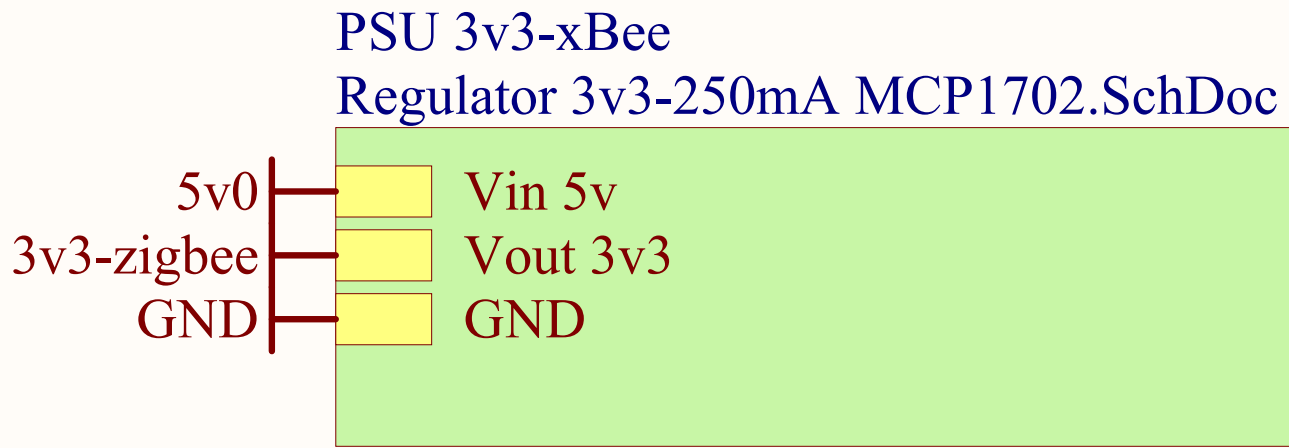


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A

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Title <i>Xbee with dedicated PSU</i>			Contact: <i>WillyPietersz@gmail.com</i>	-	<i>www.wnpd.nl</i>
Size: <i>A4</i>	Name: <i>Ing. W. Pietersz</i>	Revision:		-	
Date: <i>10-1-2011</i>	Time: <i>21:34:27</i>	Sheet of		-	
File: <i>E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Zigbee interface.SchDoc</i>				-	