

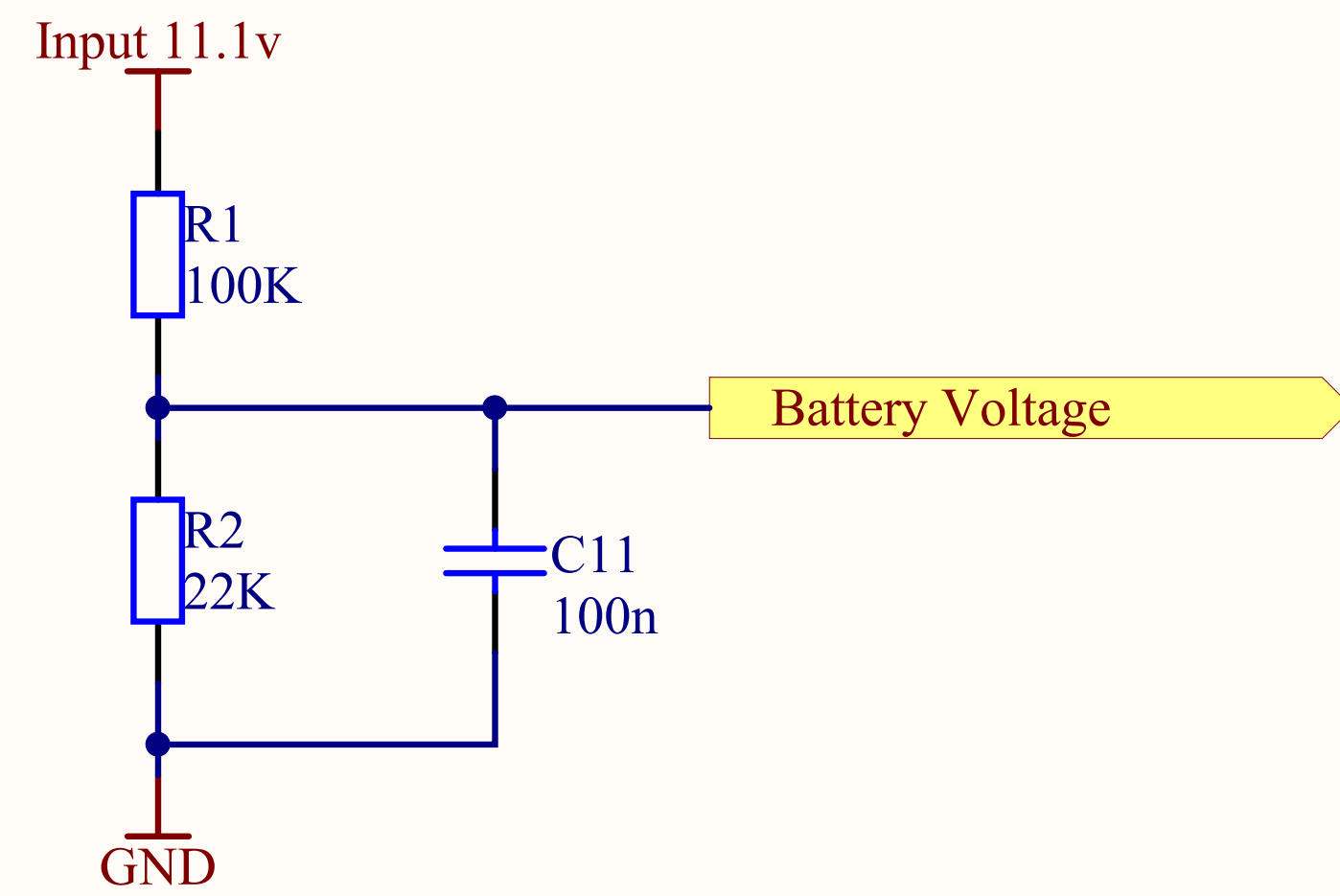
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Title <i>Accelerometer, 3-Axis - SPI</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>1-1-2011</b>	Time: <b>16:30:46</b>	Sheet of		-	
				<i>WillyPietersz@gmail.com</i>	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Accelerometer 3-AXIS - BMA180.SchDoc					

Disclaimer

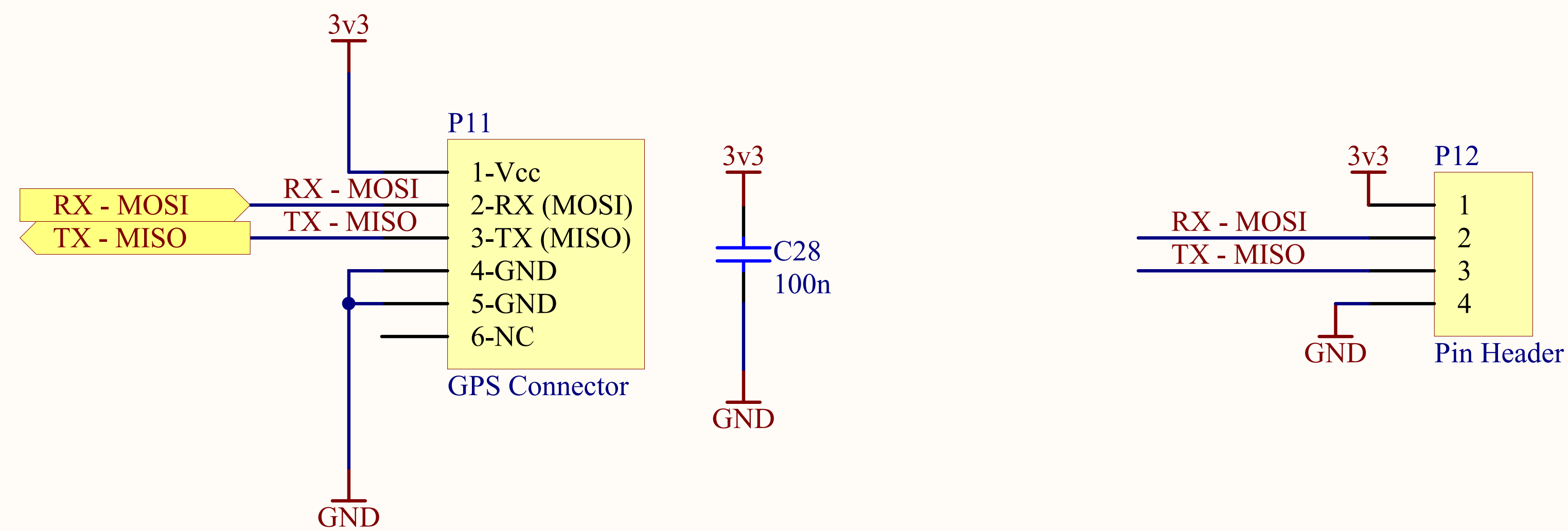
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Title	<b>Battery voltage monitor, 12v Max.</b>			Contact:	- <a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-
Date:	1-1-2011	Time:	16:30:46	Sheet of	-
File:	E:\USE SVN\Projecten\Hardware\kadrone\hardware\IMU V1\Battery Voltage 12v Max.SchDoc				

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Title <i><b>GPS Connector</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>1-1-2011</b>	Time: <b>16:30:46</b>	Sheet of		-	
File: <b>E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\GPS Connector - LS20031.SchDoc</b>				-	

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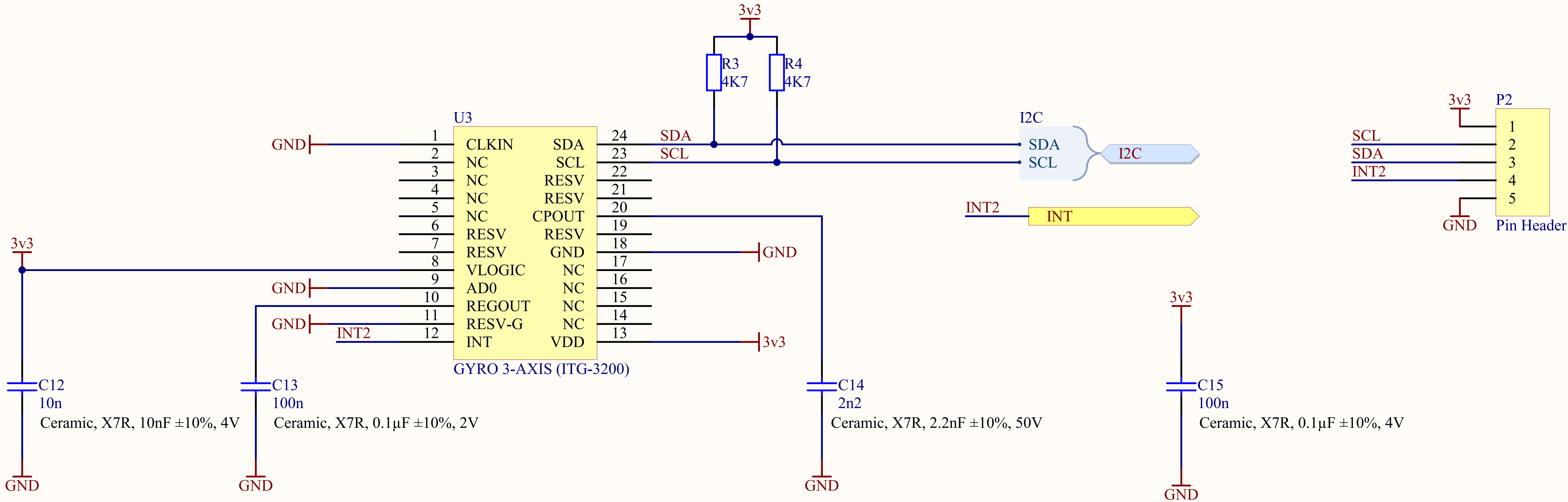
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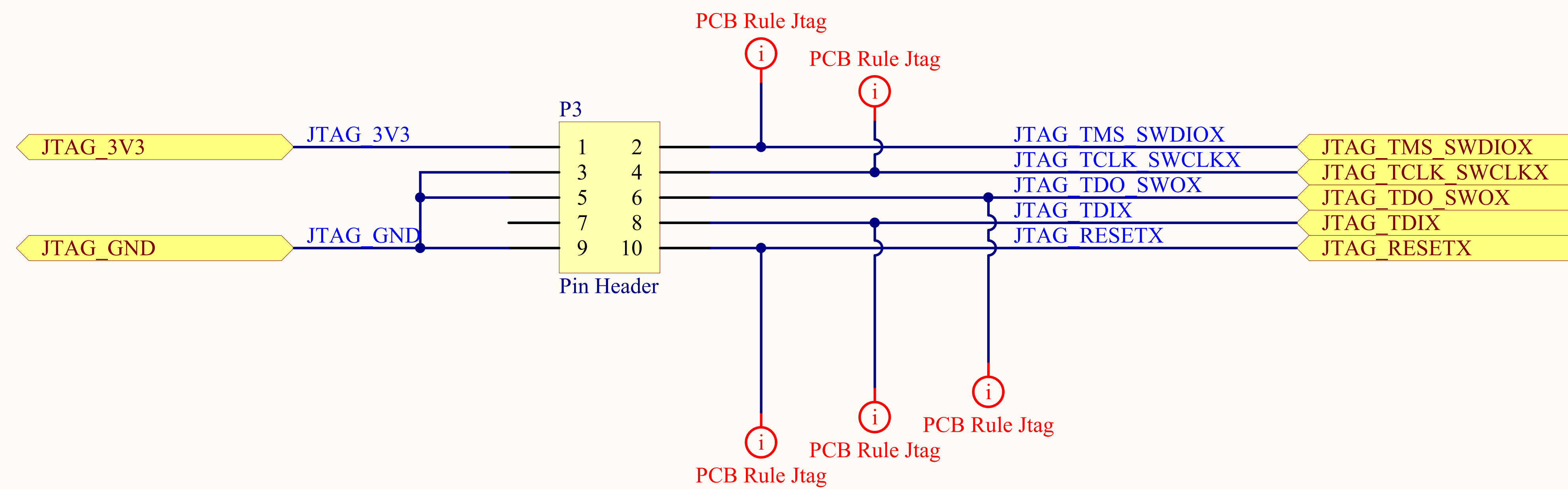
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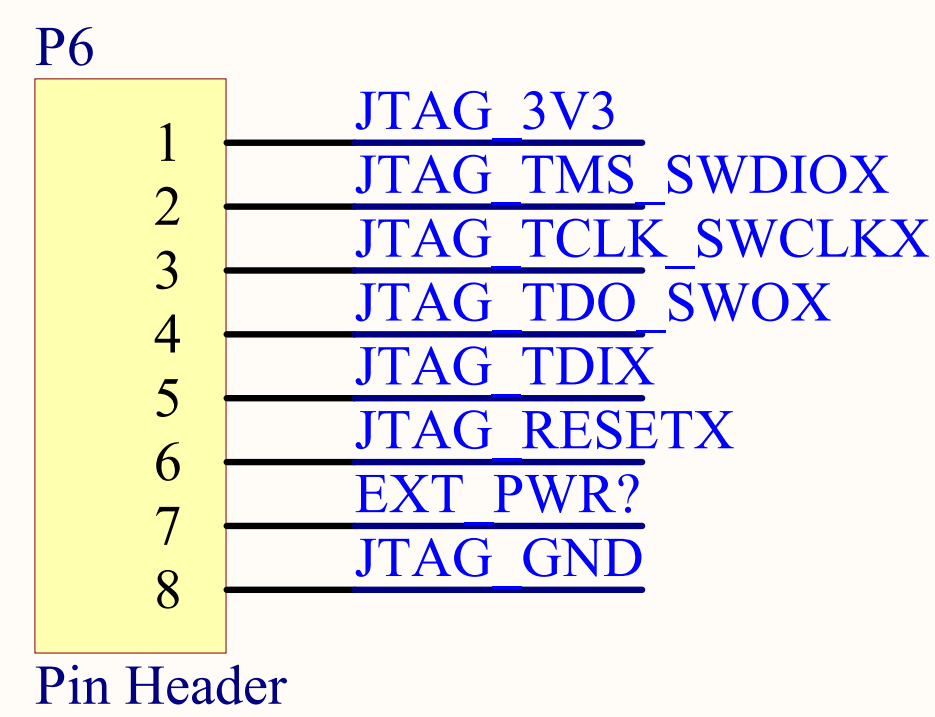


Title <i>Gyroscope, 3-Axis - I2C</i>			Contact:   <i>WillyPietersz@gmail.com</i>	- <i>www.wnpd.nl</i>
Size: <i>A4</i>	Name: <i>Ing. W. Pietersz</i>	Revision:		-
Date: <i>1-1-2011</i>	Time: <i>16:30:46</i>	Sheet of		-
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Disclaimer

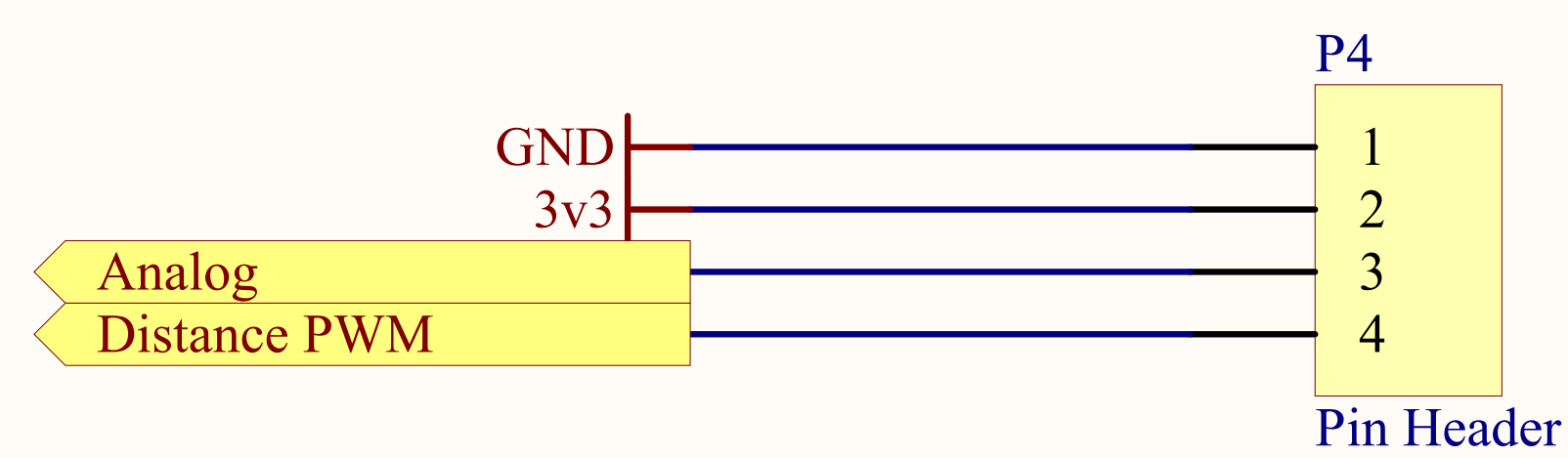
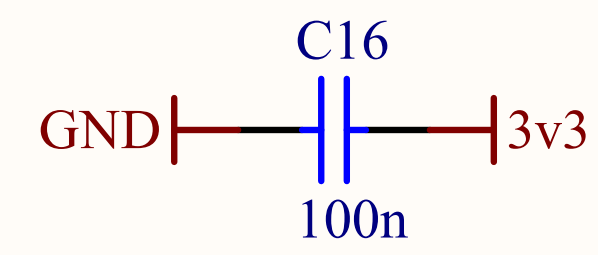
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Title <i><b>Distance echo sensor</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>1-1-2011</b>	Time: <b>16:30:46</b>	Sheet of		-	
				<i>WillyPietersz@gmail.com</i>	
File: <b>E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\LV-MaxSonar Connector.SchDoc</b>					

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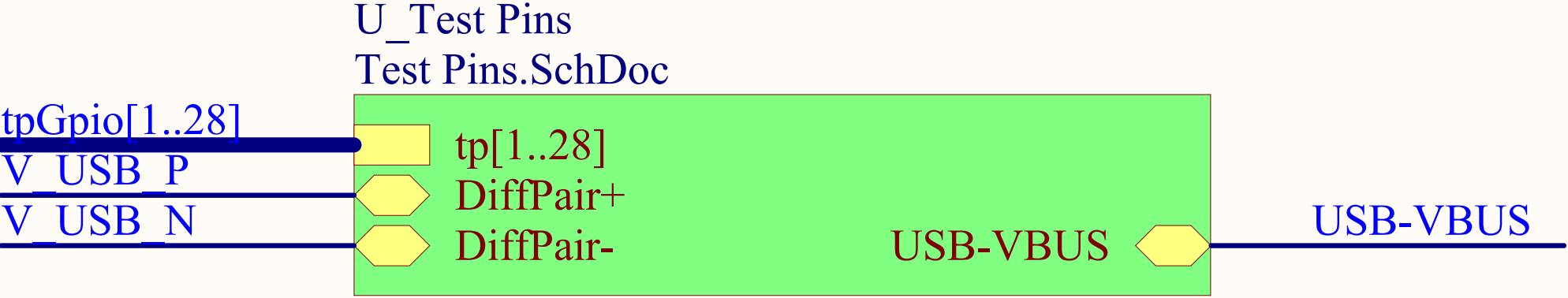
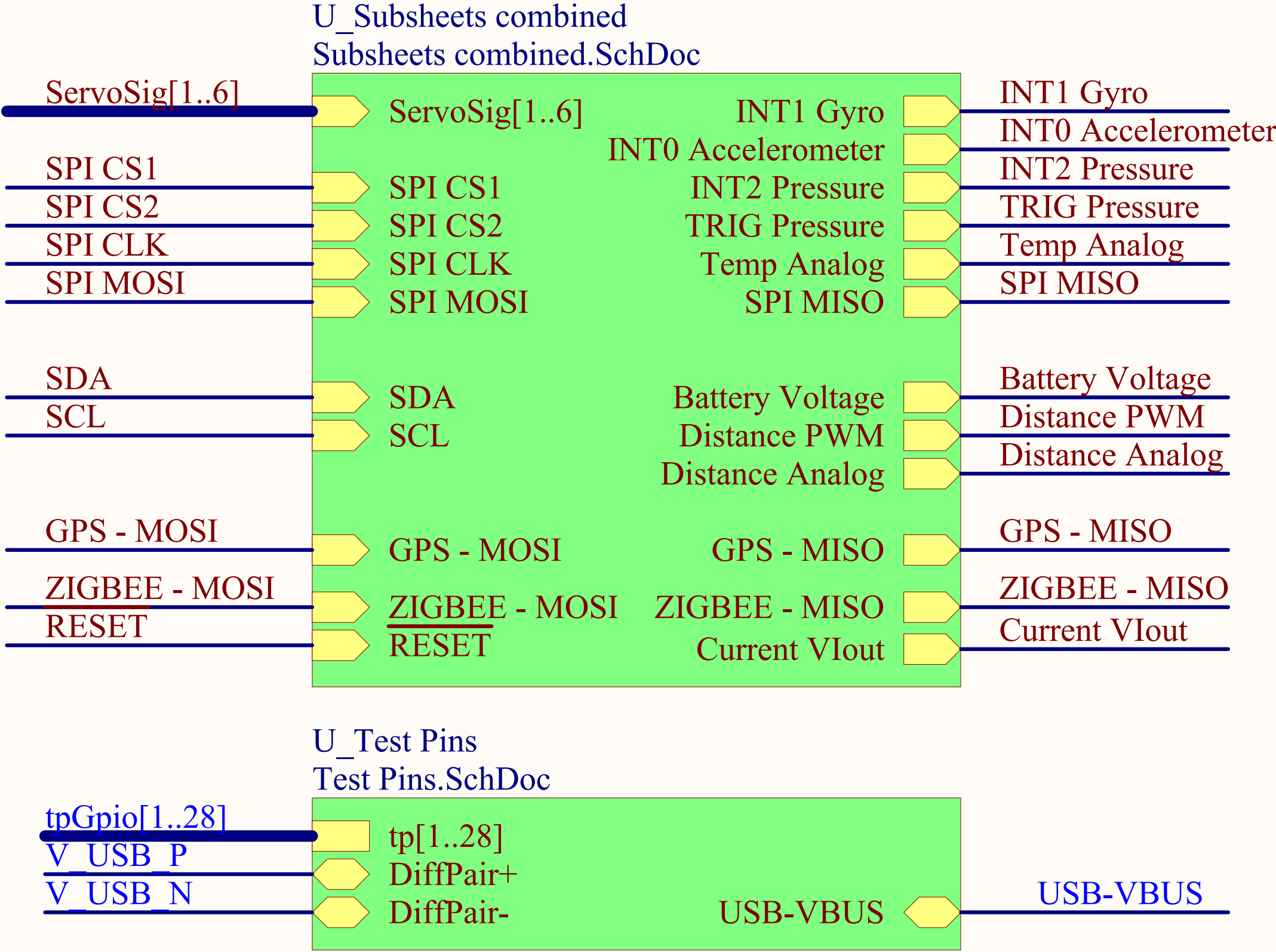
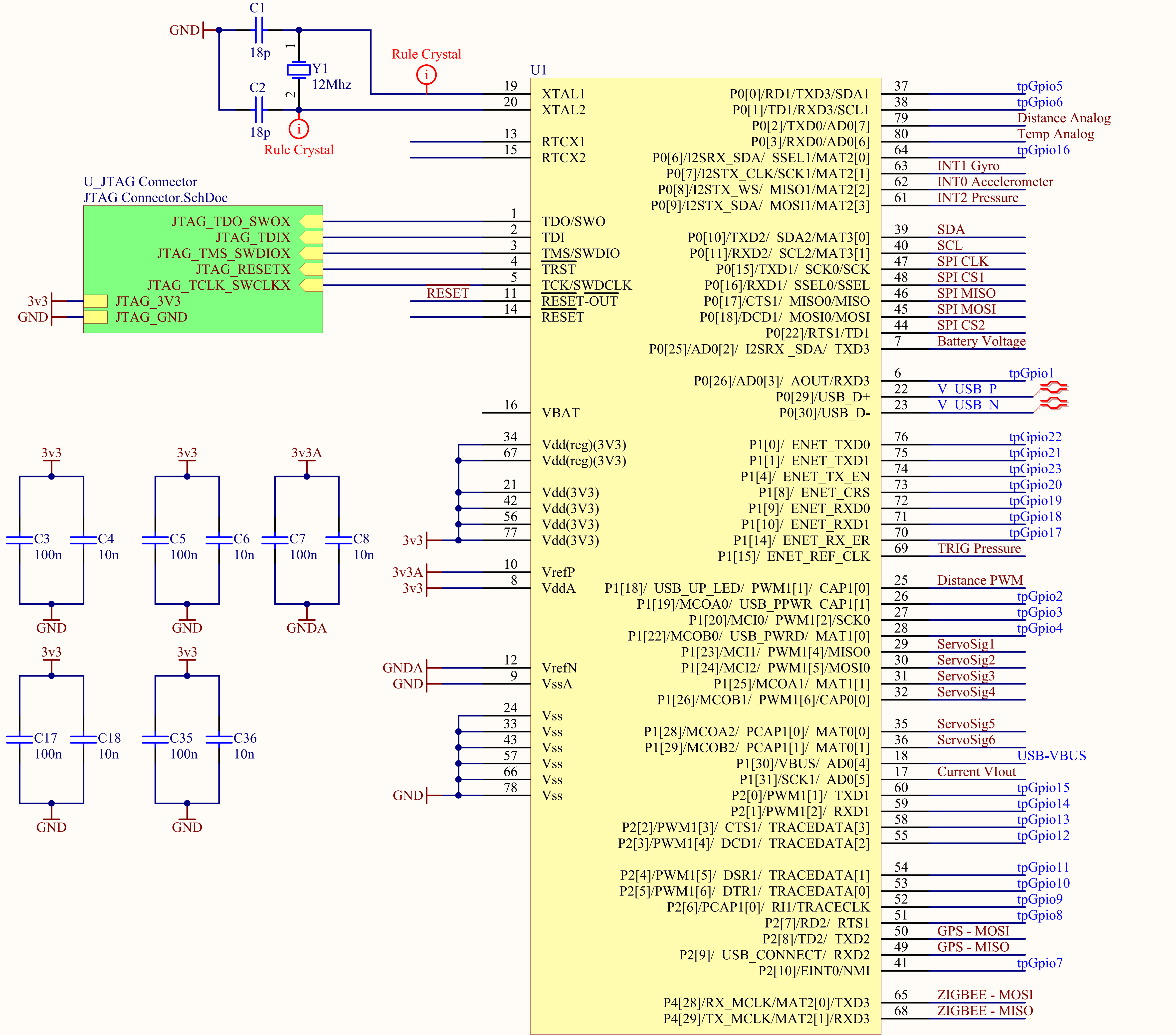
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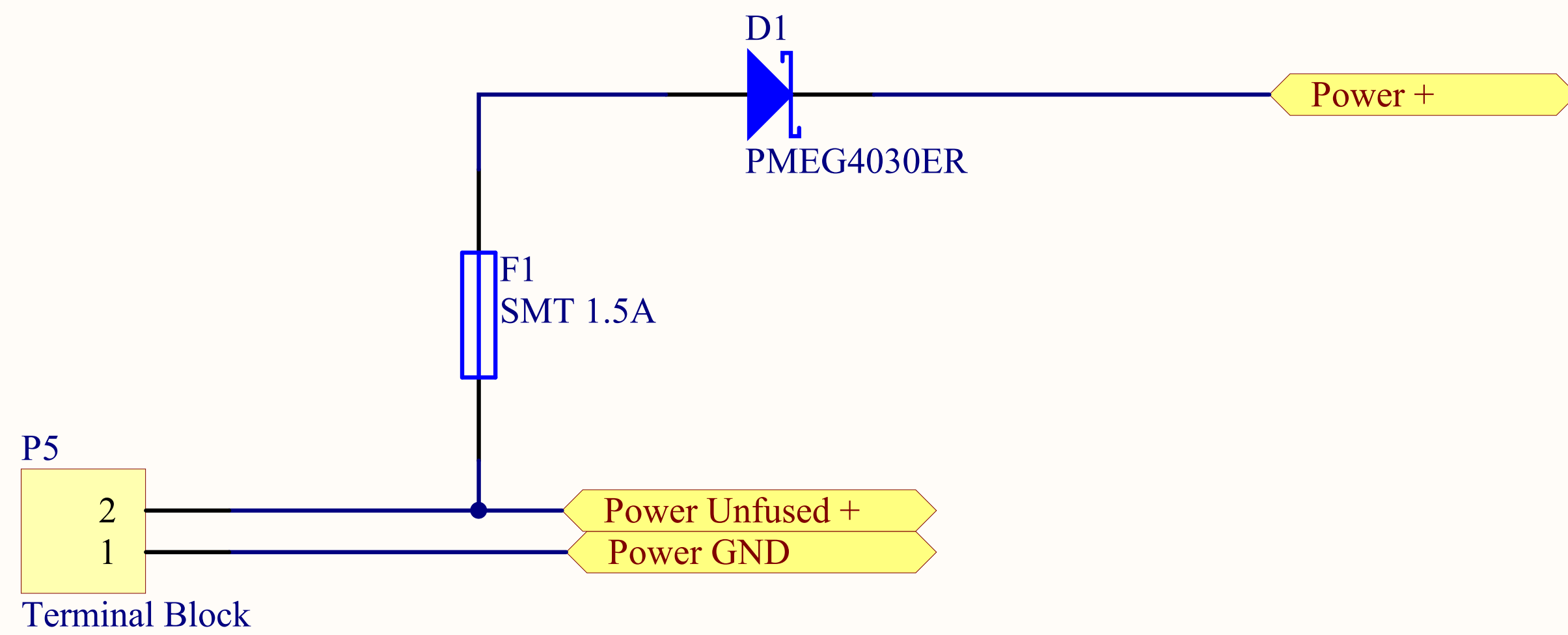
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Title			Contact:	-	<a href="http://www.wnpg.nl">www.wnpg.nl</a>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 1-1-2011	Time: 16:30:46	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\main.SchDoc				-	
			<a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>		

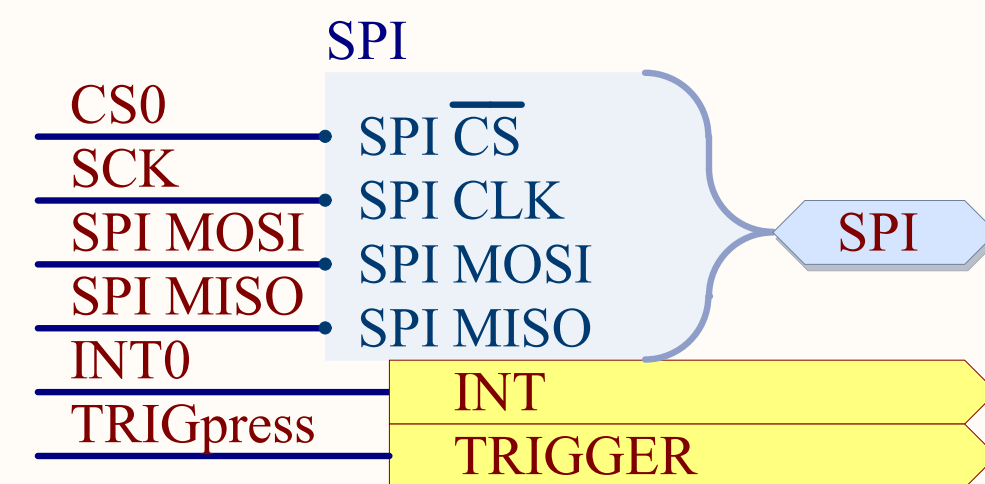
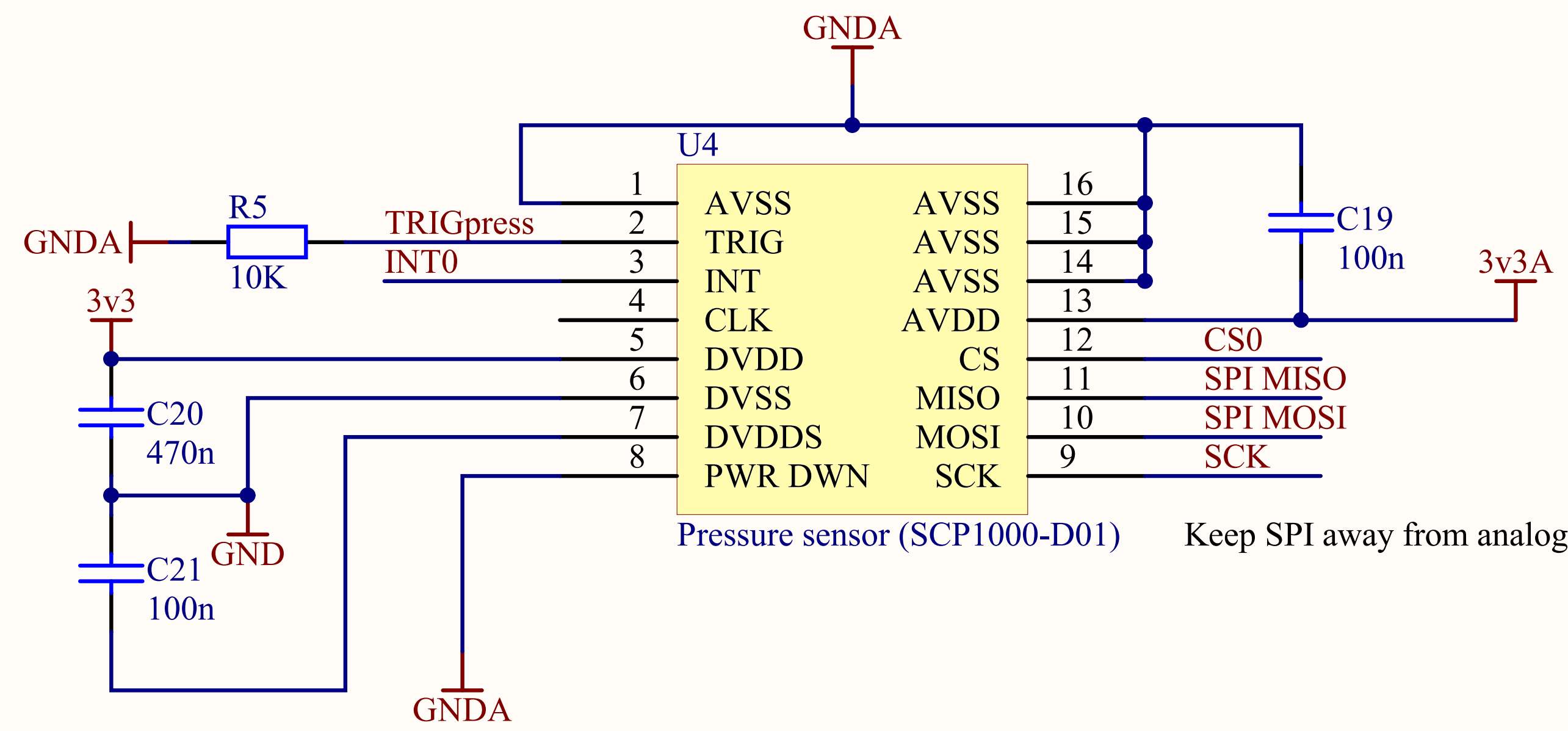


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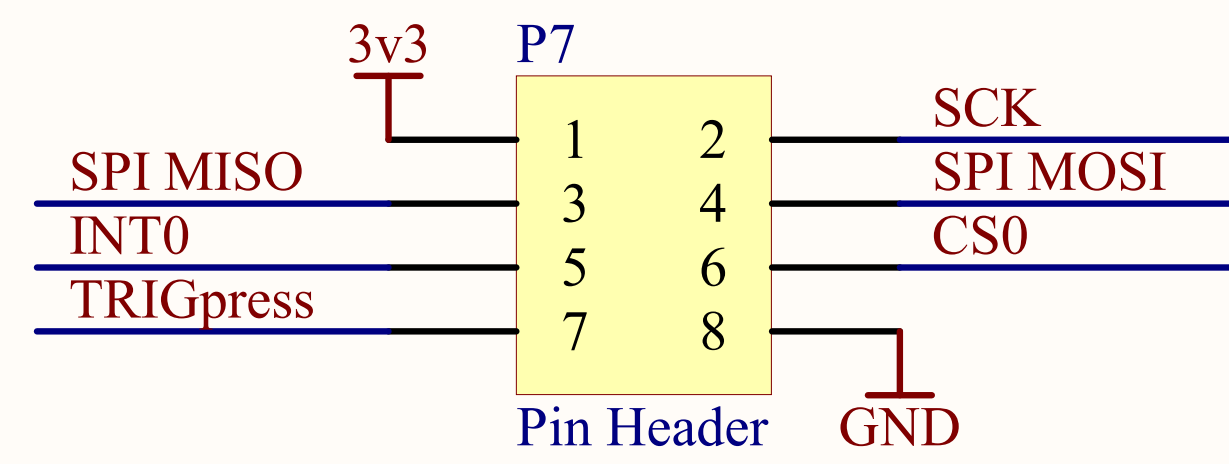
Title <i><b>Power Supply Entry</b></i>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>1-1-2011</b>	Time: <b>16:30:46</b>	Sheet of		-	<a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>
File: E:\USE SVN\Projecten\Hardware\kadrone\hardware\IMU V1\Power Entry 24v-3pin Fused-1A5.SchDoc					



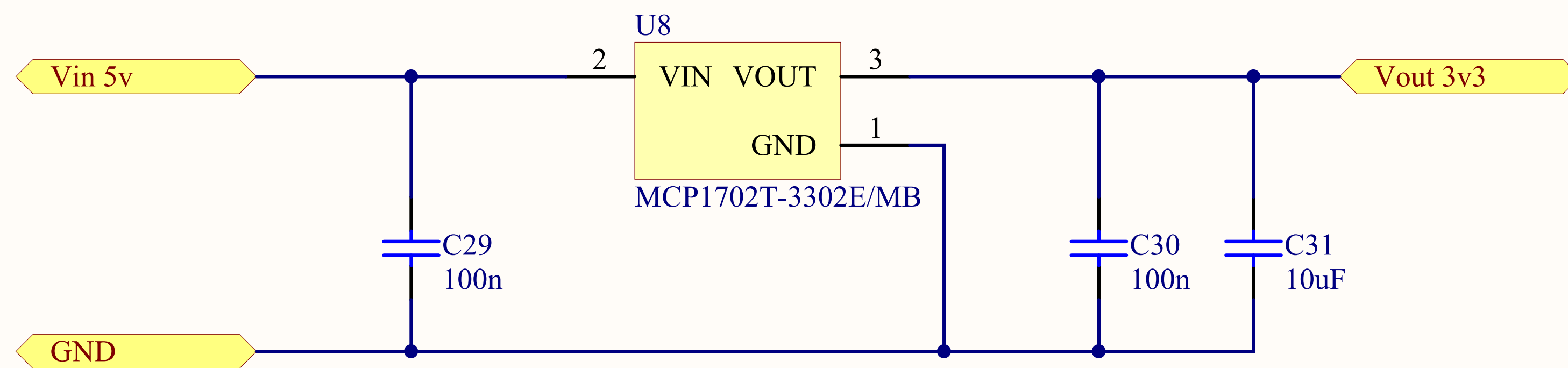


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Title <i><b>Pressure sensor -SPI</b></i>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size: <b>A4</b>	Name: Ing. W. Pietersz	Revision:		-	
Date: 1-1-2011	Time: 16:30:47	Sheet of		-	<a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Pressure sensor - SCP1000-D01.SchDoc					



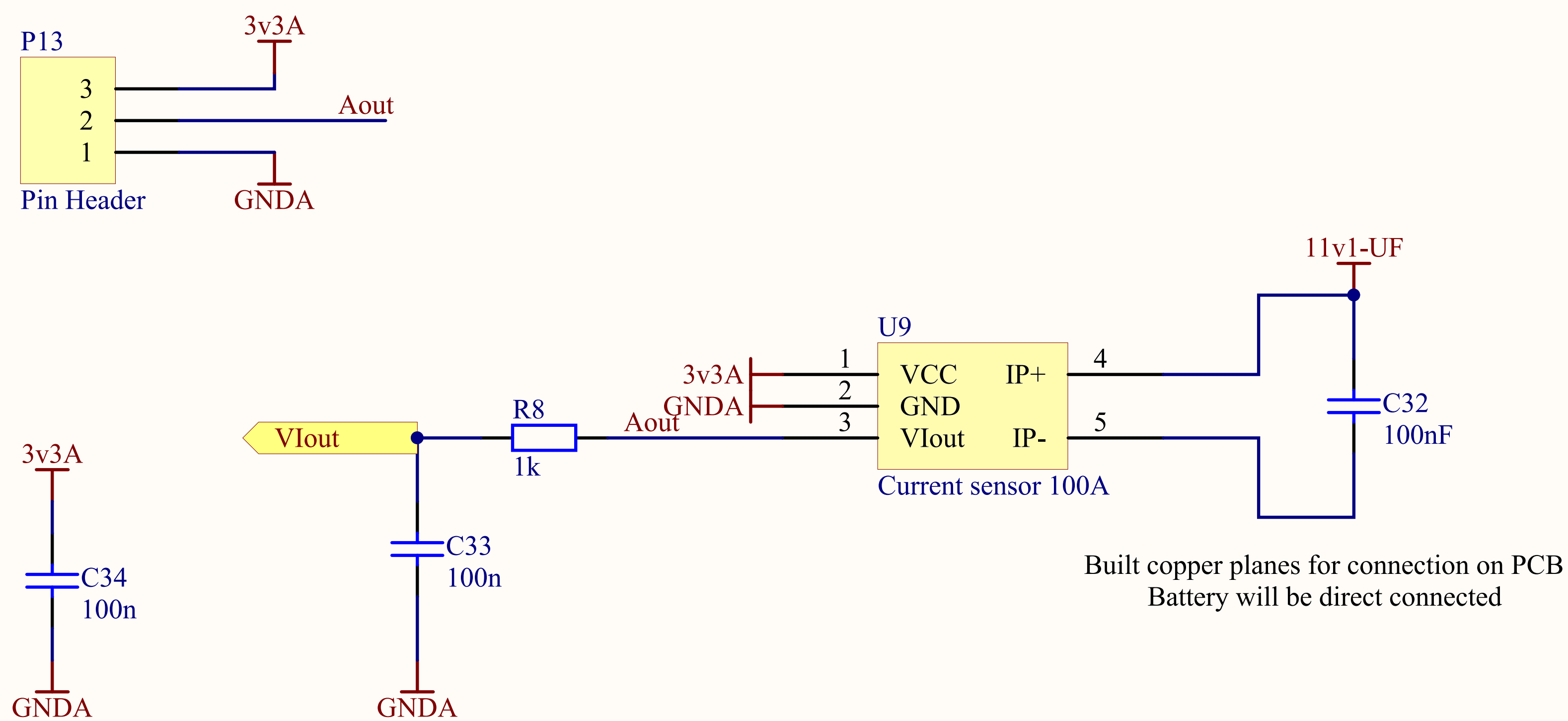
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Title <i><b>Regulator 3v3 out</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>1-1-2011</b>	Time: <b>16:30:47</b>	Sheet of		-	
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File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Regulator 3v3-250mA MCP1702.SchDoc					

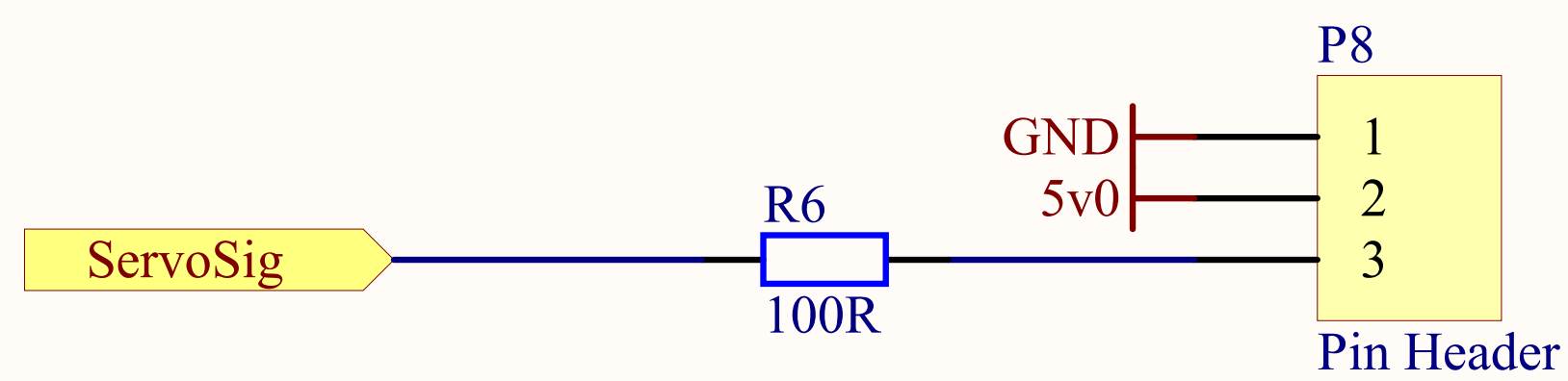
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Built copper planes for connection on PCB  
Battery will be direct connected

Title: <b><i>Hall-Sensor, 100A Max.</i></b>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>1-1-2011</b>	Time: <b>16:30:47</b>	Sheet of		-	
File: <b>E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Sensor current 100A.SchDoc</b>				-	



Disclaimer

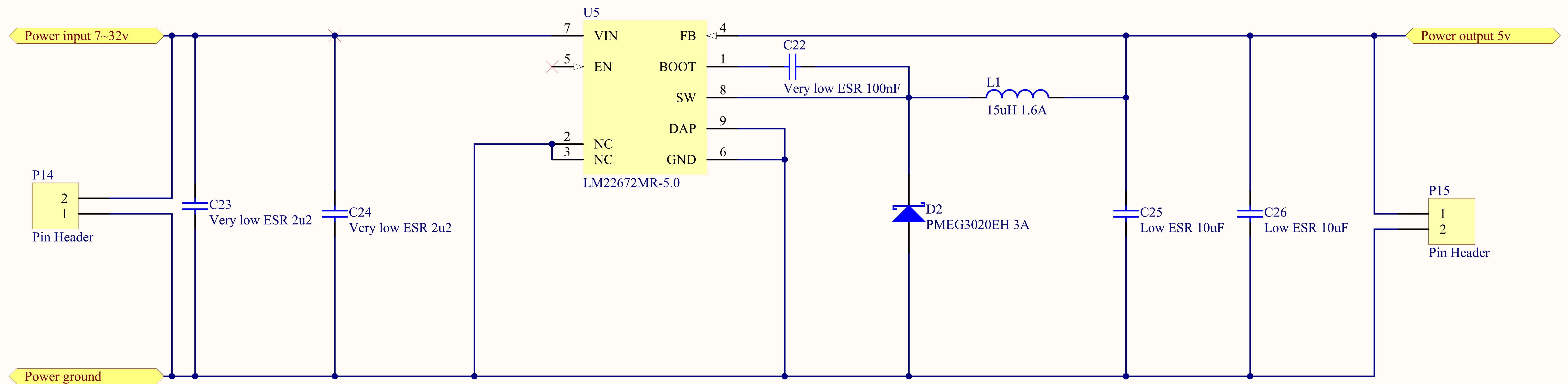
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Title	<i>Servo connector in/out</i>			Contact:	-	<a href="http://www.wnnpd.nl">www.wnnpd.nl</a>
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	1-1-2011	Time:	16:30:47	Sheet of	-	
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Title <i><b>SMPS 5v 1A - low ripple</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>1-1-2011</b>	Time: <b>16:30:47</b>	Sheet of		-	
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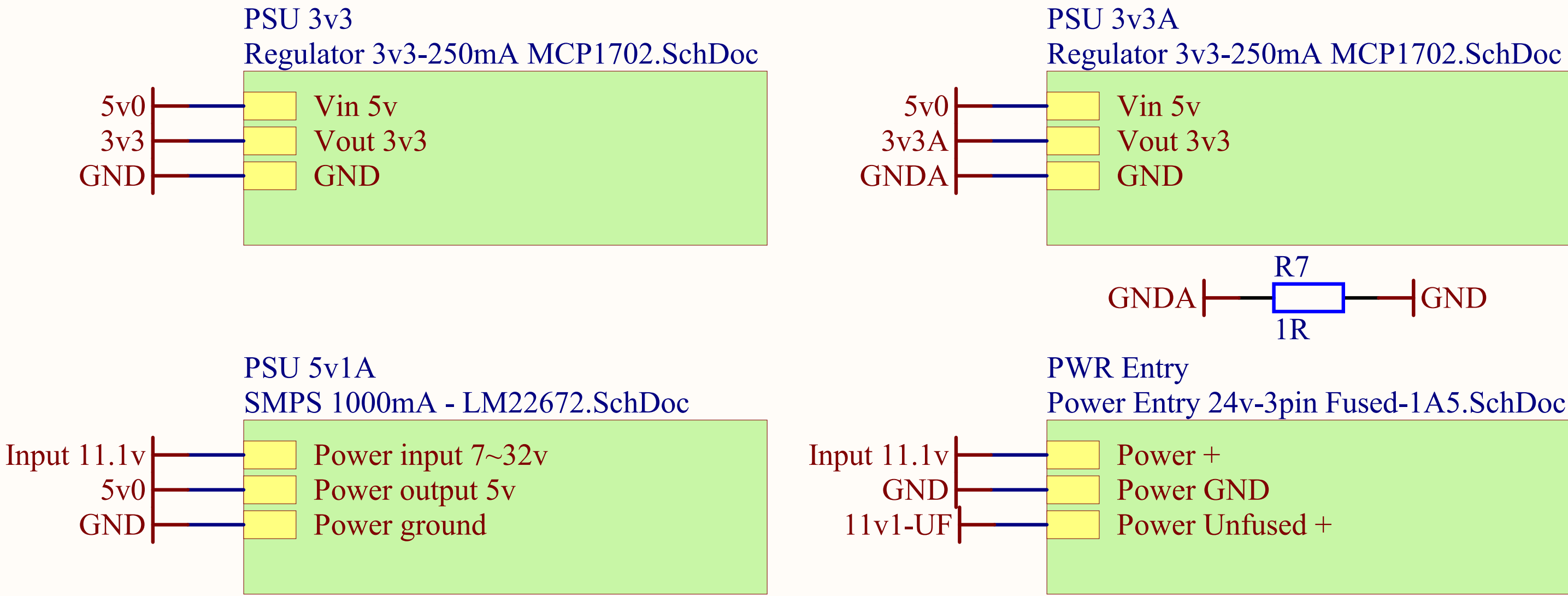
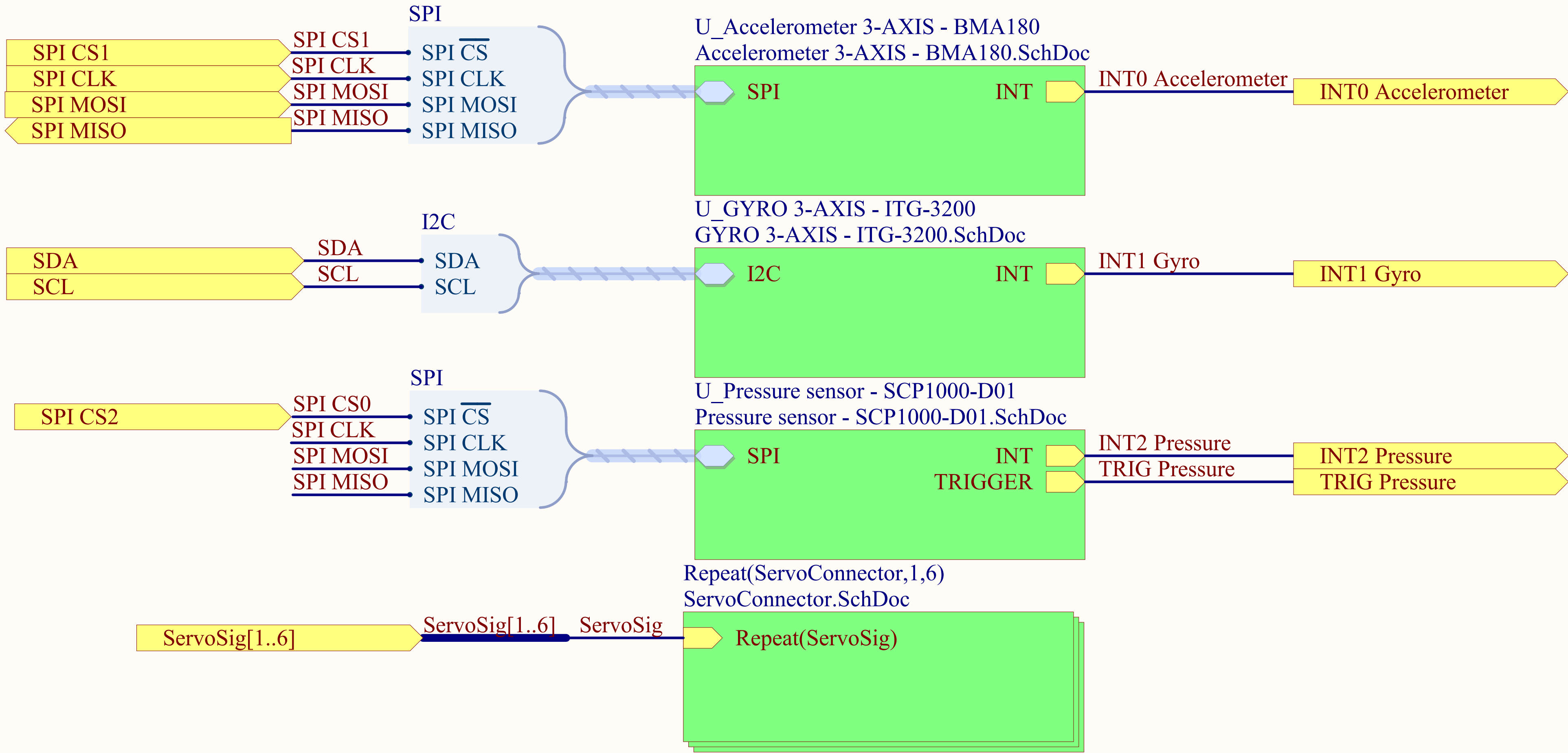
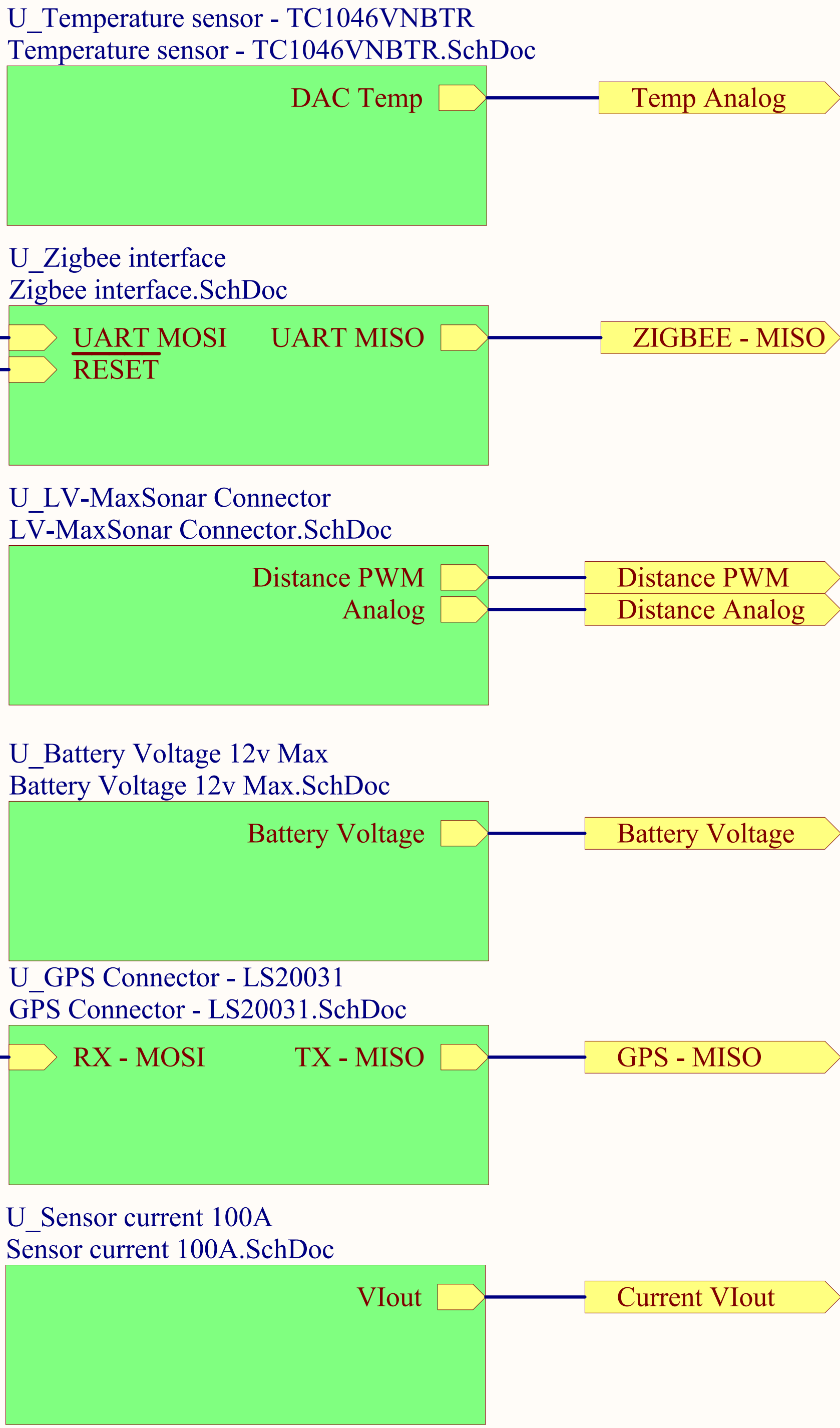
D

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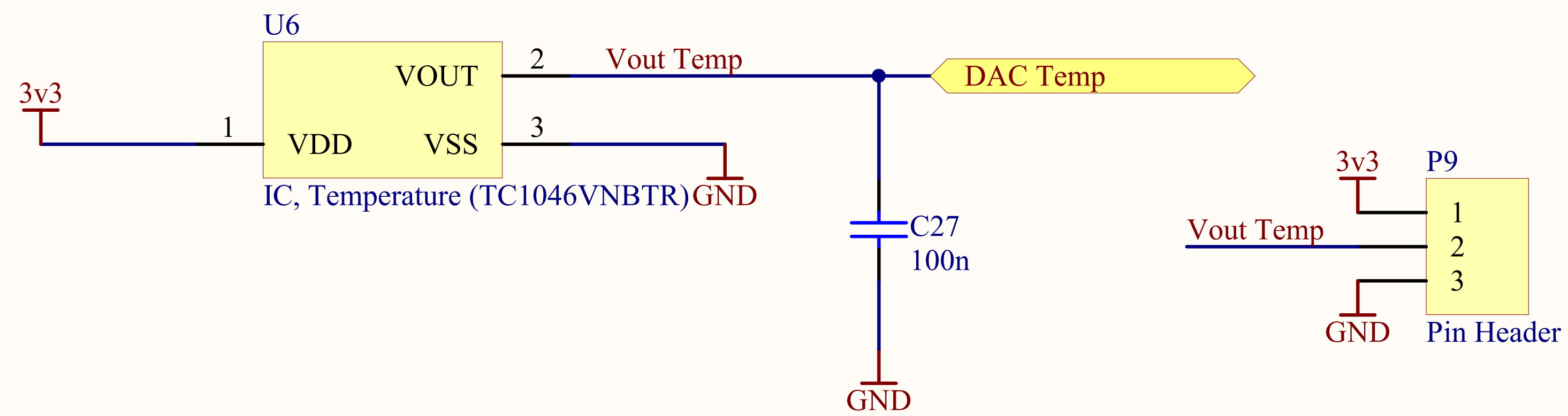
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Title			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 1-1-2011	Time: 16:30:47	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Subsheets combined.SchDoc				-	
			<a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>		



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Title	<b><i>Temperature sensor - Analog out</i></b>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	1-1-2011	Time:	16:30:47	Sheet of	-	
File:	E:\USE SVN\Projecten\Hardware\keadron\hardware\IMU V1\Temperature sensor - TC1046VNBTR.SchDoc					

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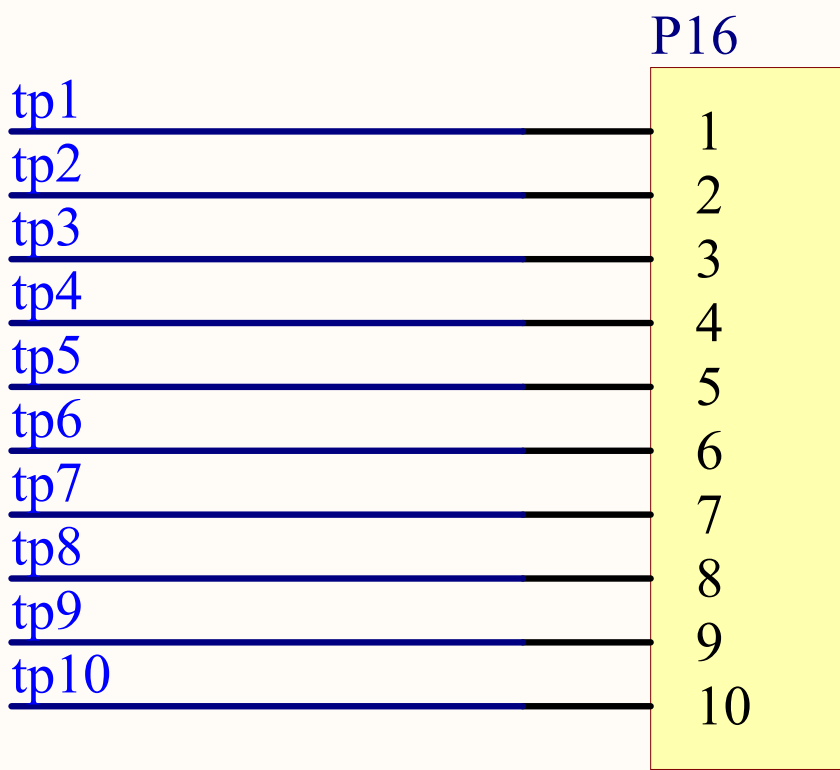
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Disclaimer

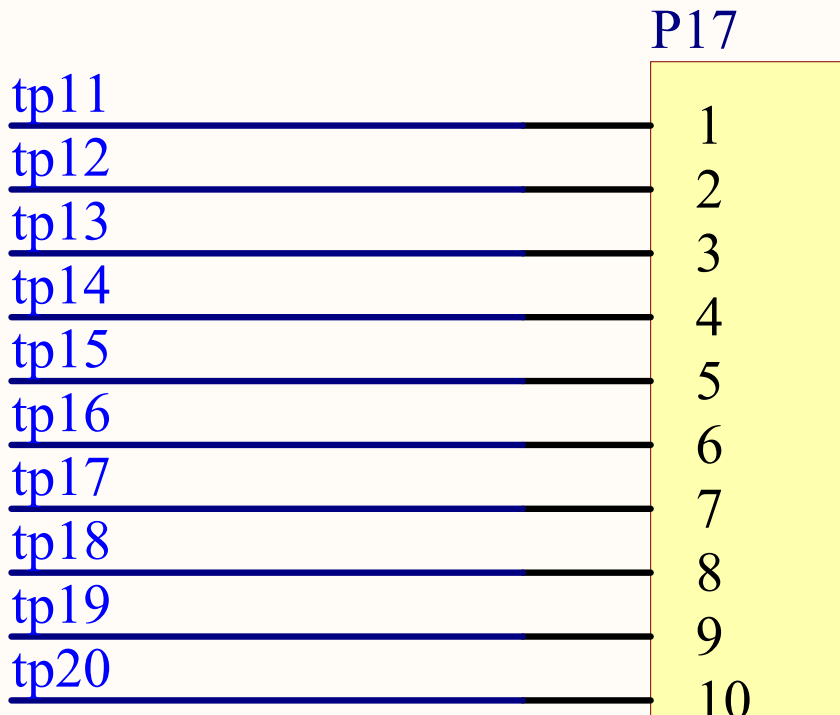
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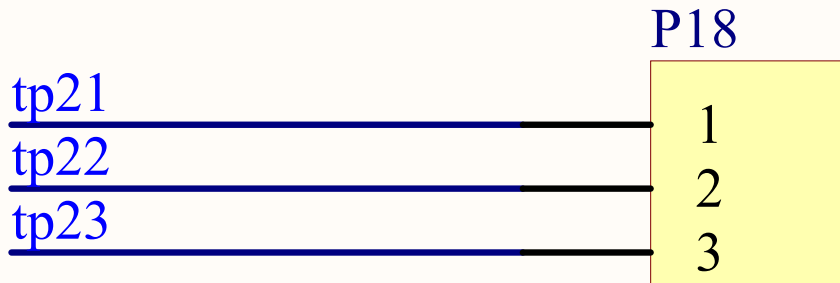
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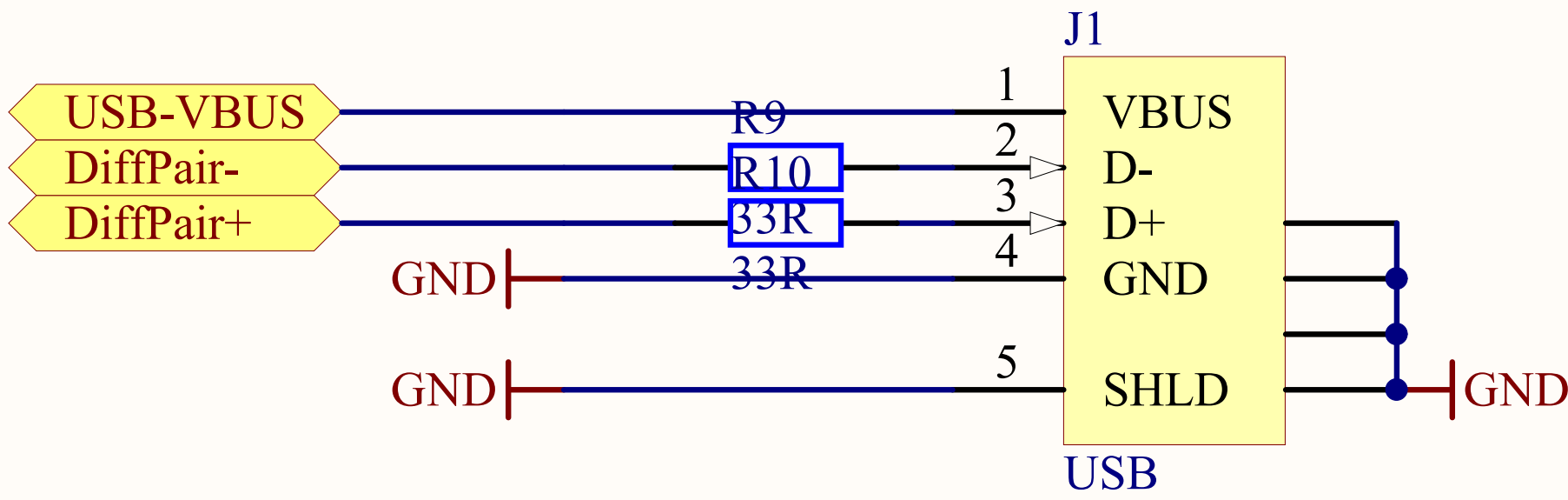
Pin Header



Pin Header



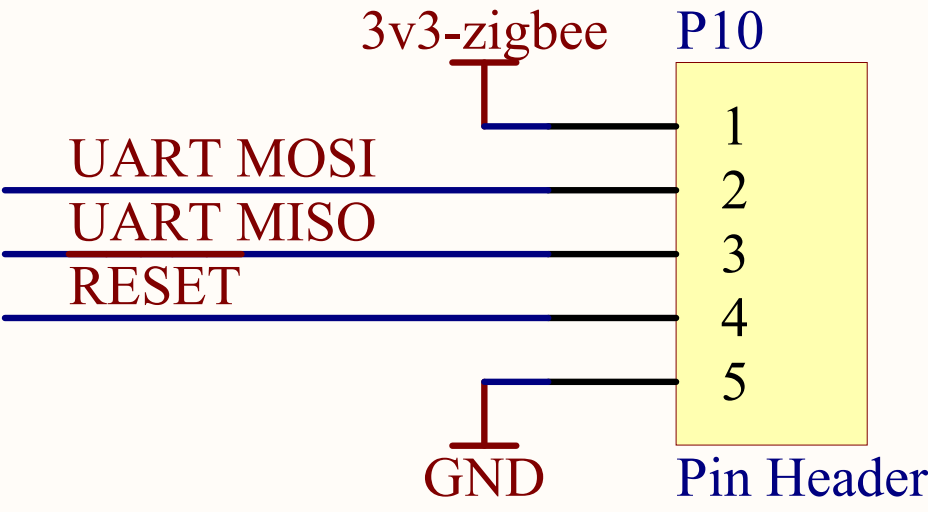
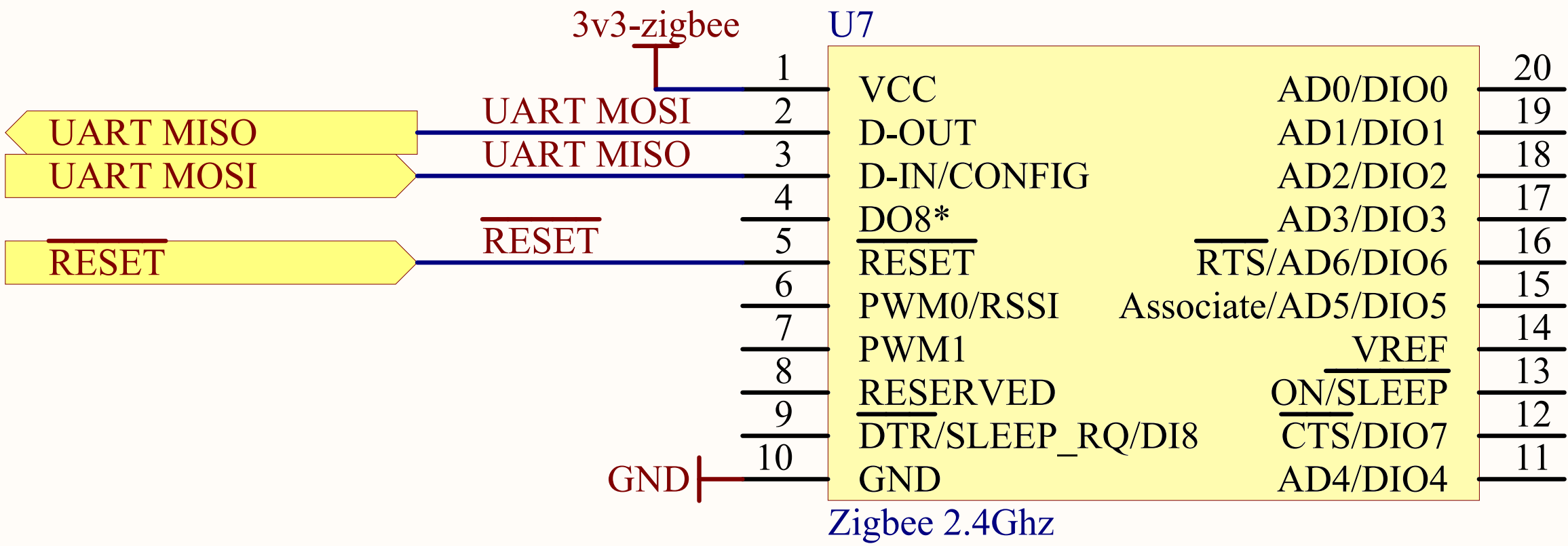
Pin Header



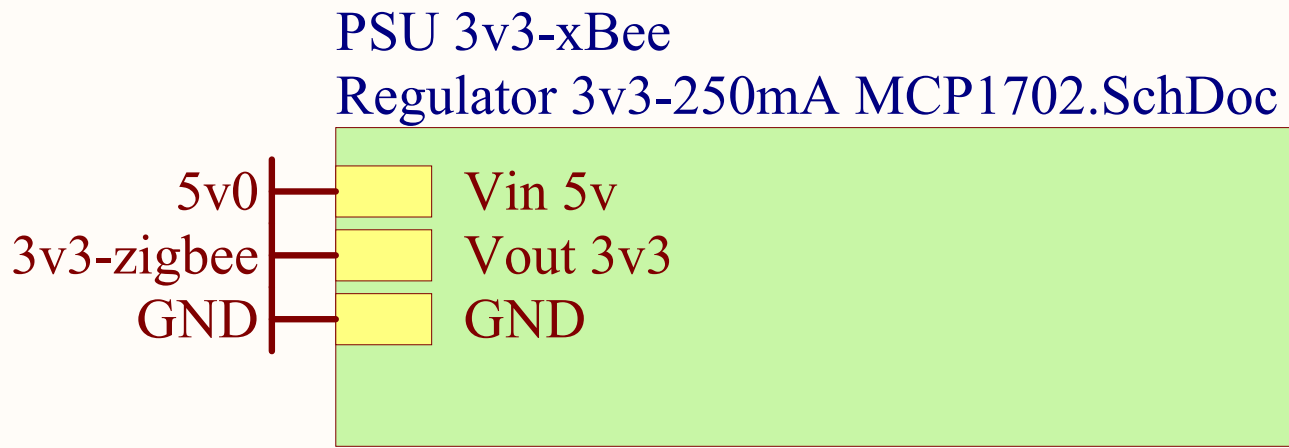
Title <i>Optional ext. IO</i>			Contact:	-	<i>www.wnnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 1-1-2011	Time: 16:30:47	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Test Pins.SchDoc				-	



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Title	<i>Xbee with dedicated PSU</i>		Contact:	- <a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size:	A4	Name: Ing. W. Pietersz	Revision:	
Date:	1-1-2011	Time: 16:30:47	Sheet of	- <a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>
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