

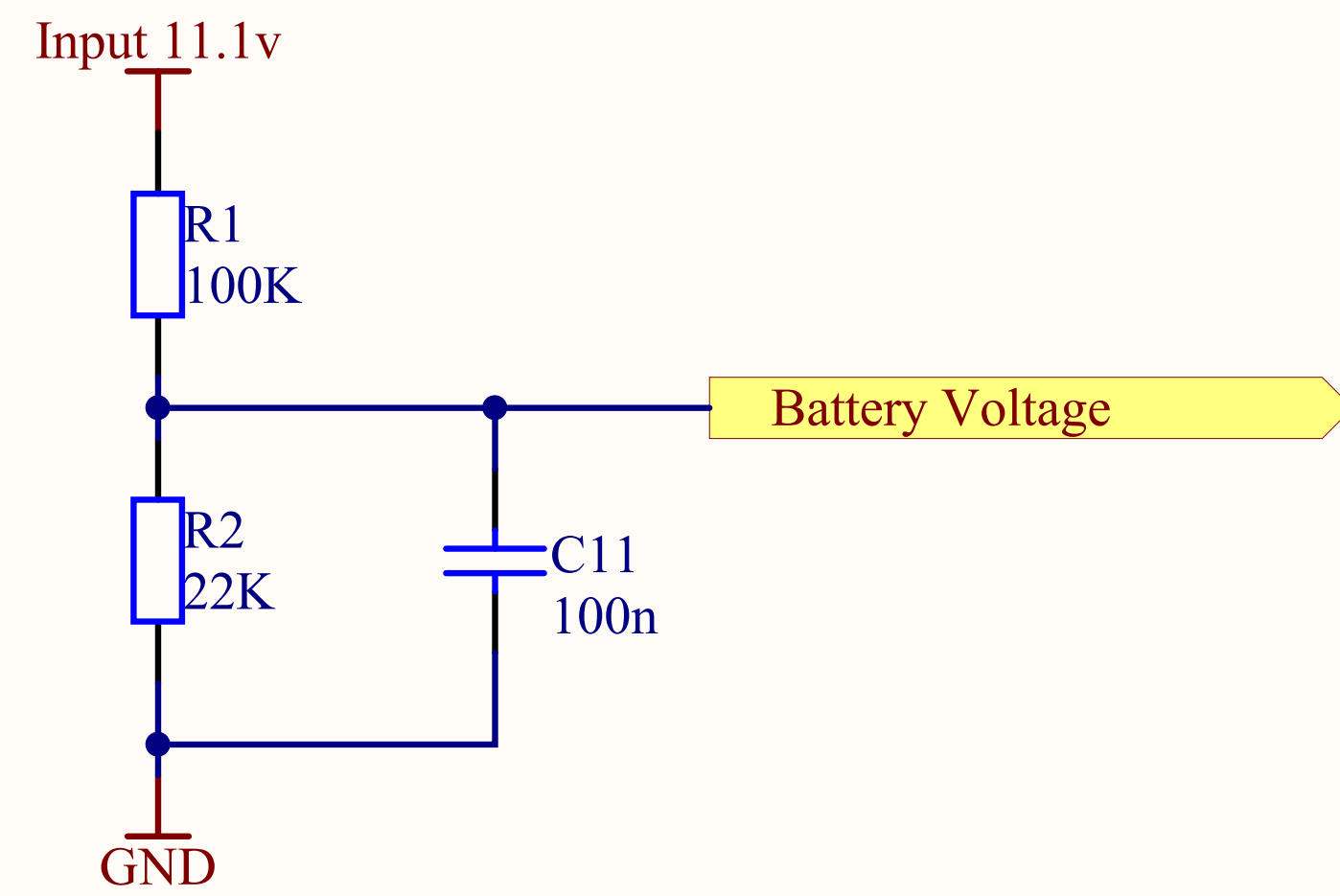
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Title <i>Accelerometer, 3-Axis - SPI</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:12	Sheet of		-	
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File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Accelerometer 3-AXIS - BMA180.SchDoc					

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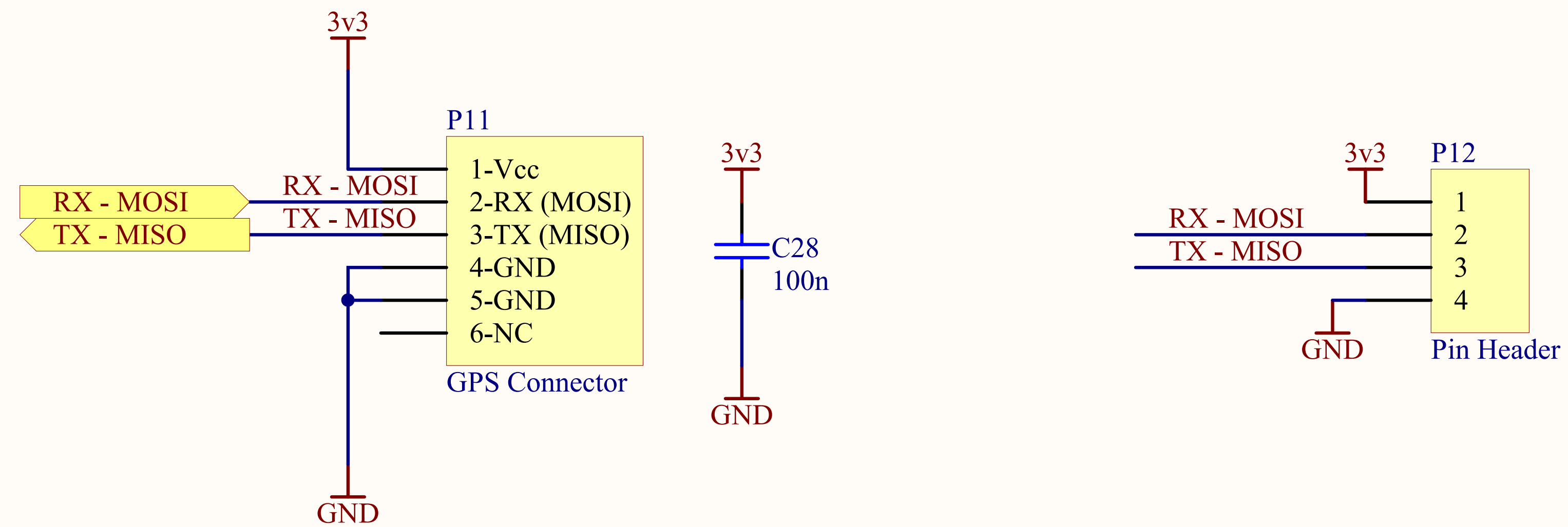
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Title	Battery voltage monitor, 12v Max.			Contact:	- www.wnpd.nl
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-
Date:	3-1-2011	Time:	9:47:13	Sheet of	-
File:	E:\USE SVN\Projecten\Hardware\koadrone\hardware\IMU V1\Battery Voltage 12v Max.SchDoc				

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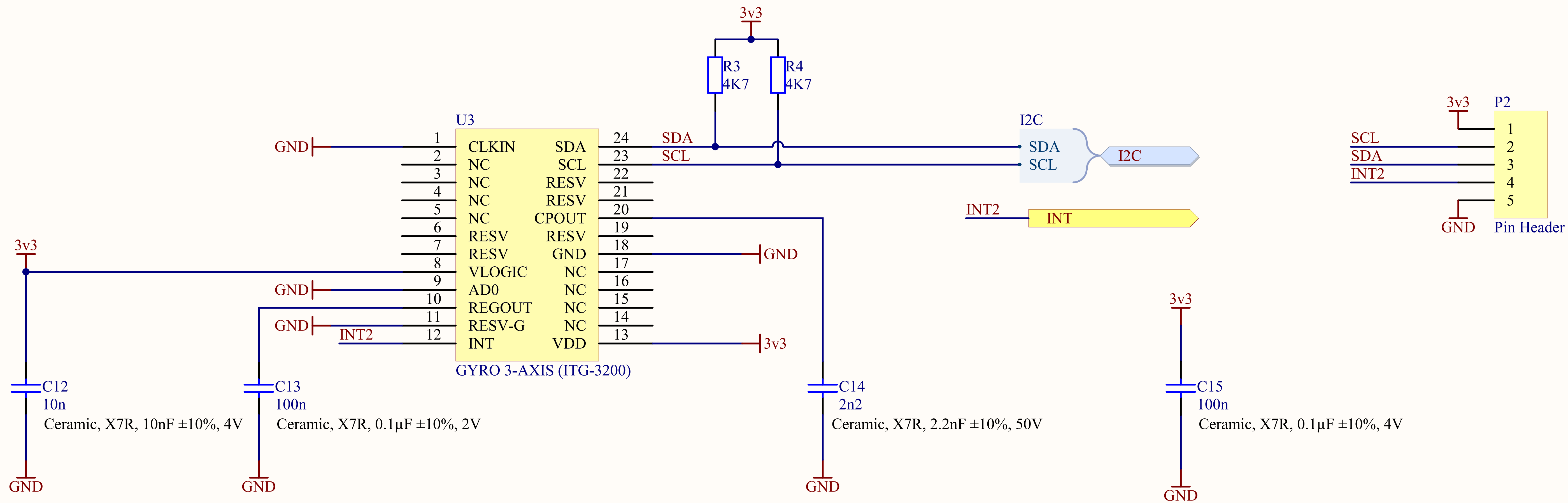
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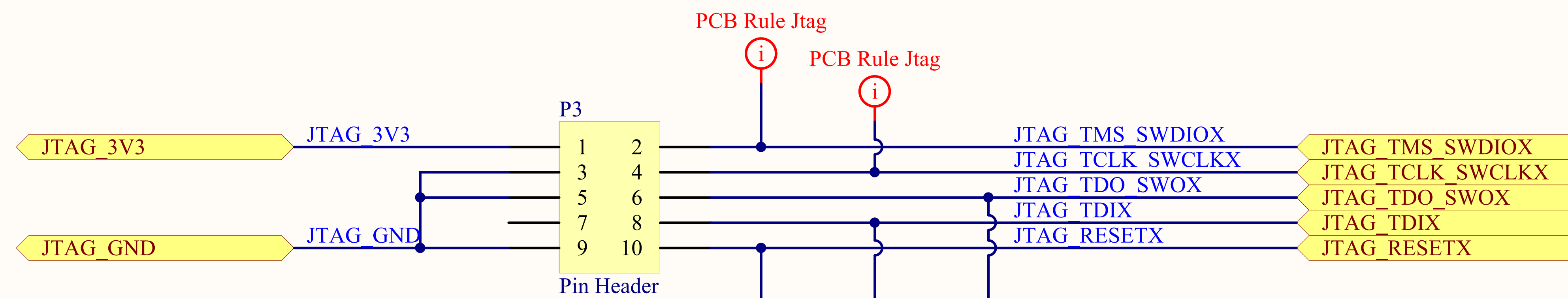
Title <i>GPS Connector</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:13	Sheet of		-	<i>WillyPietersz@gmail.com</i>
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\GPS Connector - LS20031.SchDoc				-	

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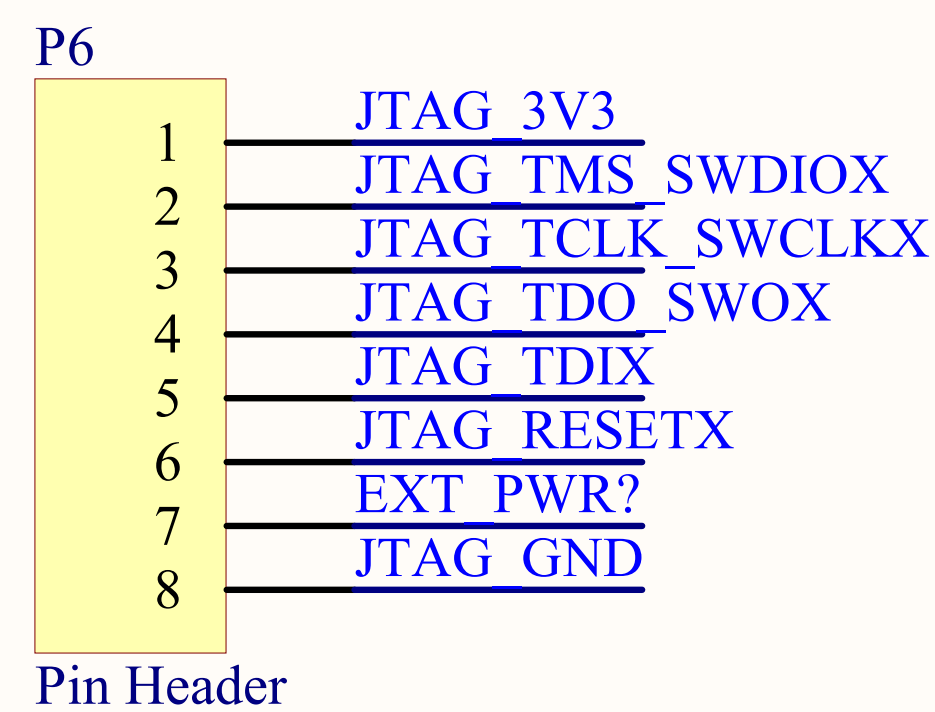


Title <i>Gyroscope, 3-Axis - I2C</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:13	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\GYRO 3-AXIS - ITG-3200.SchDoc					



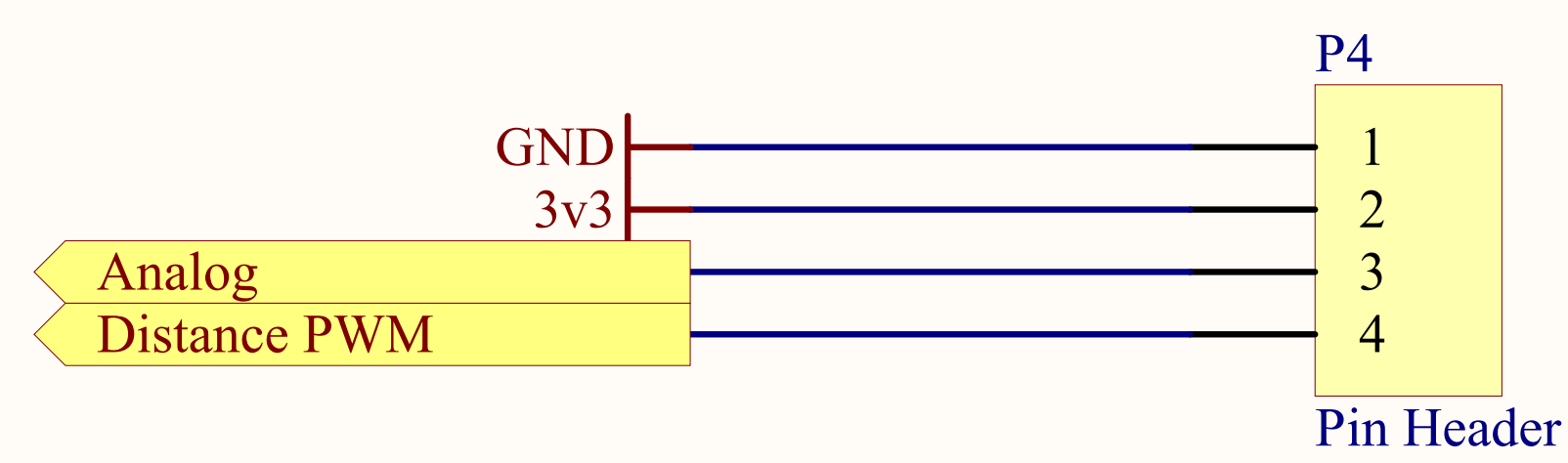
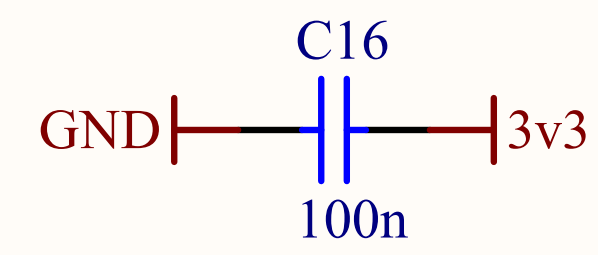
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A

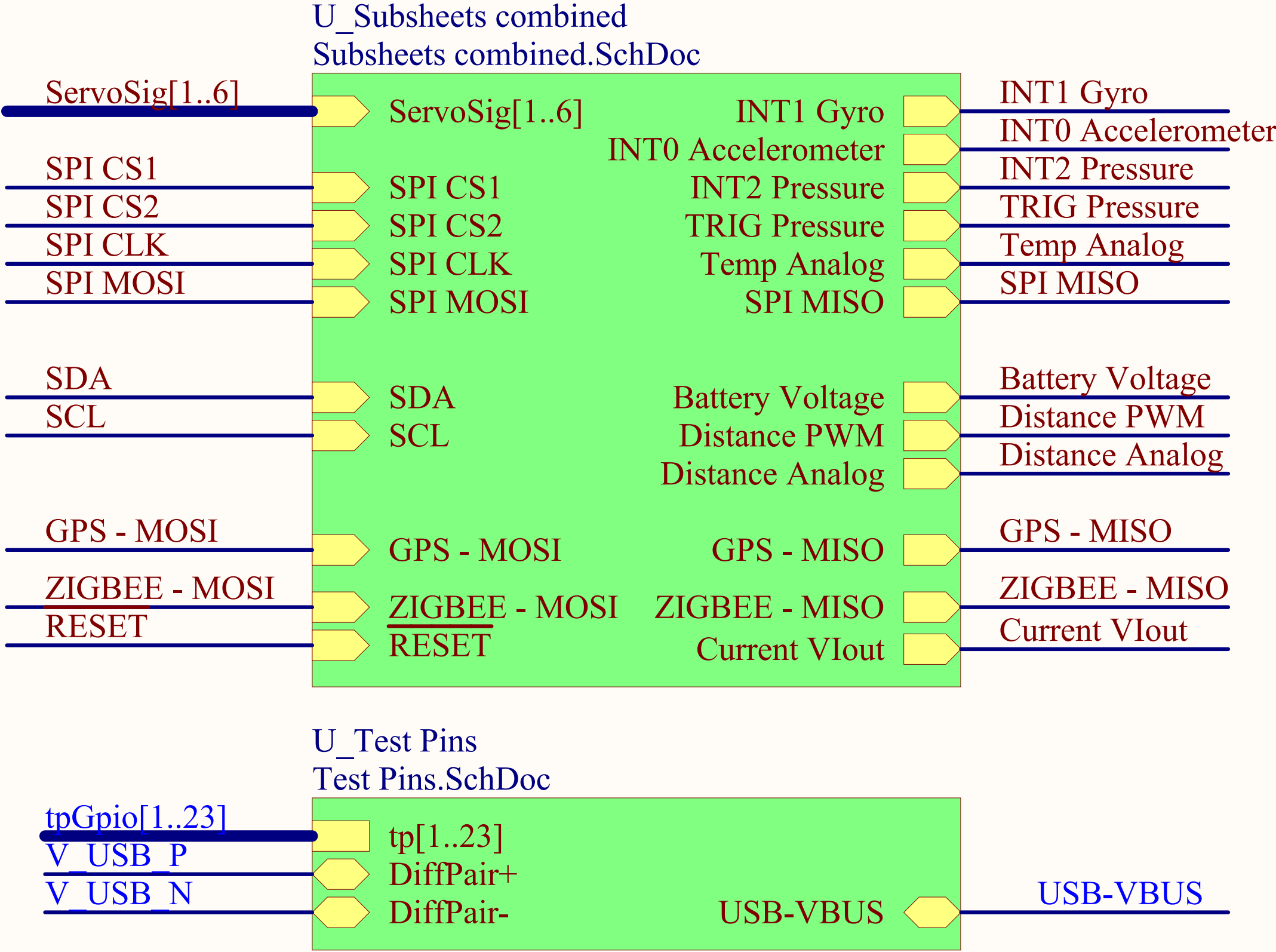
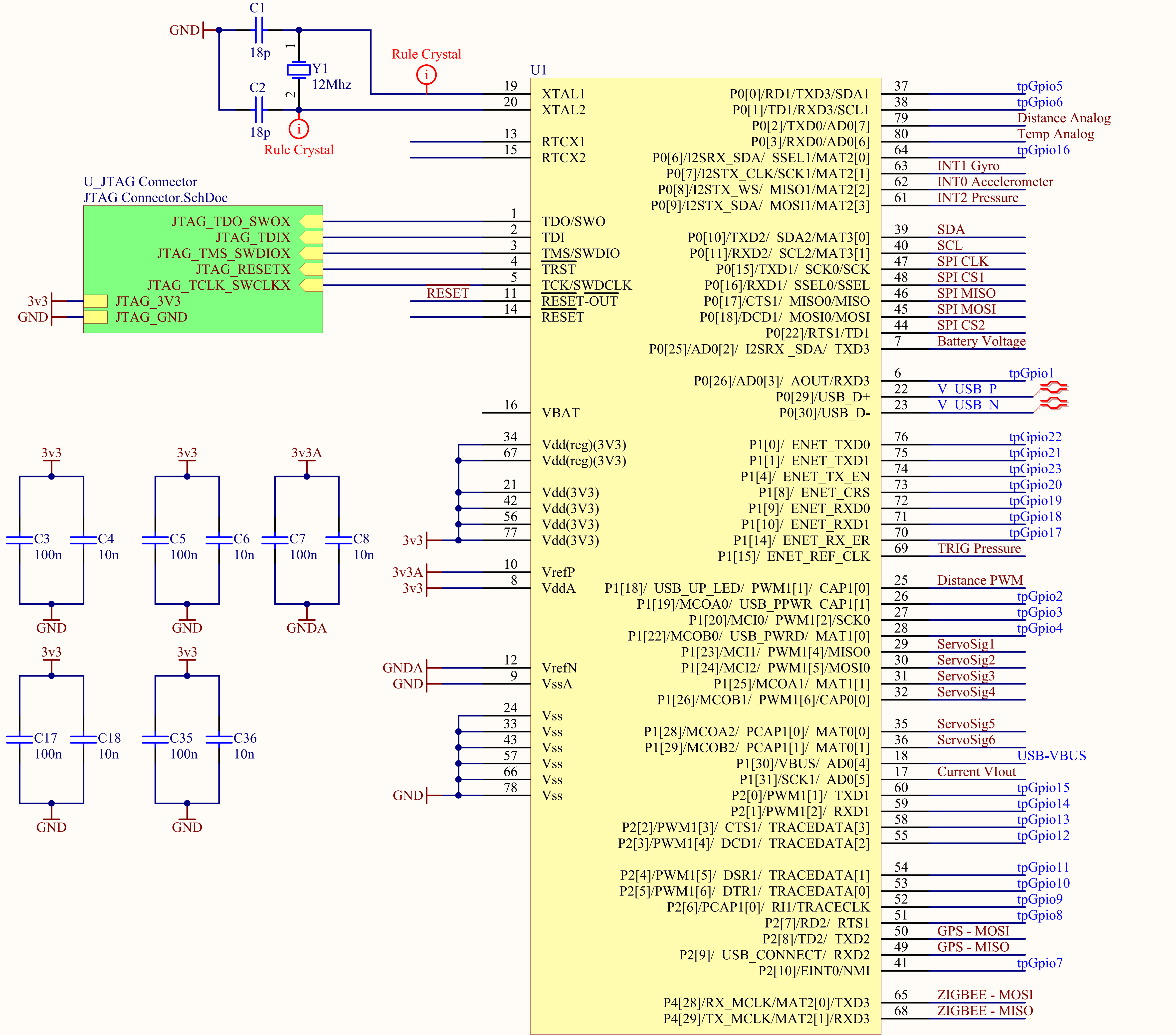
B

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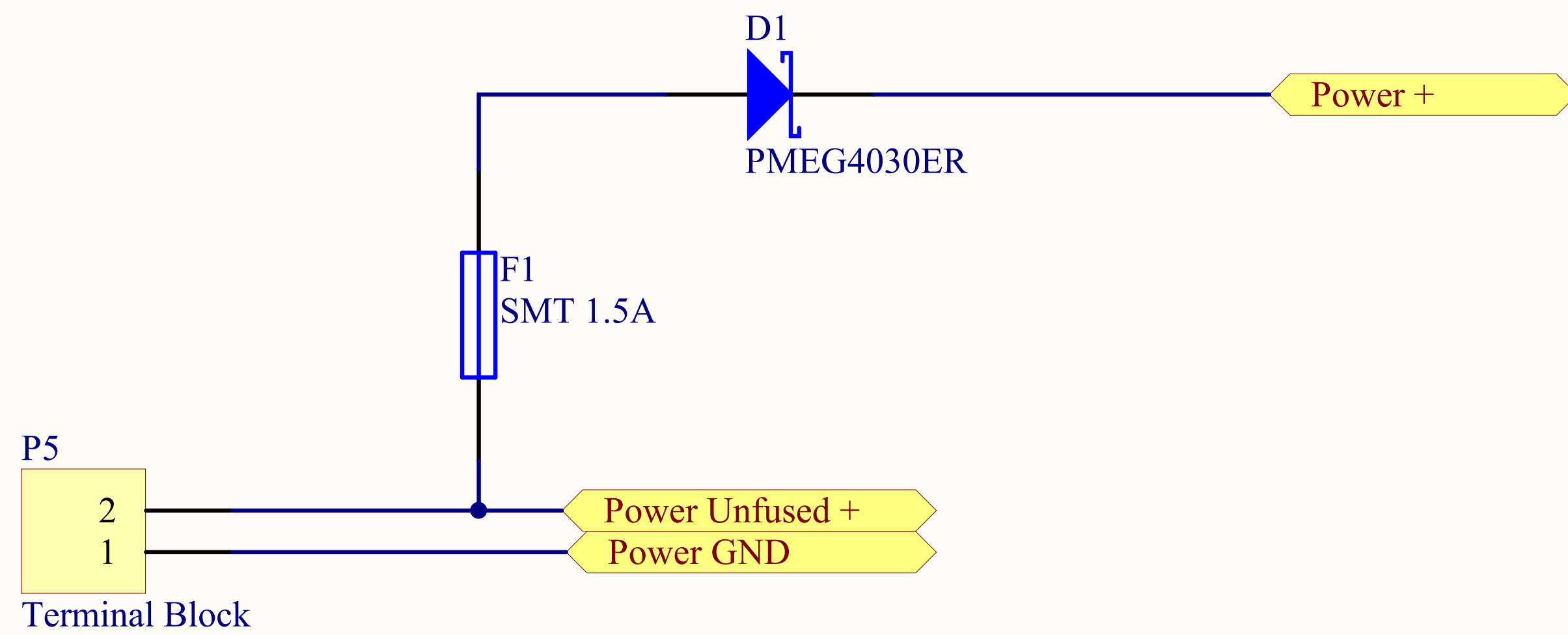
D

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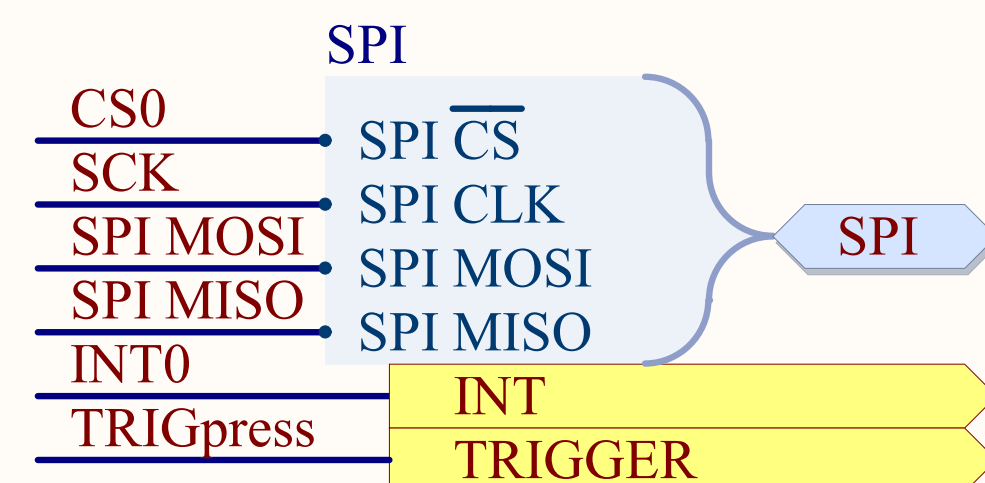
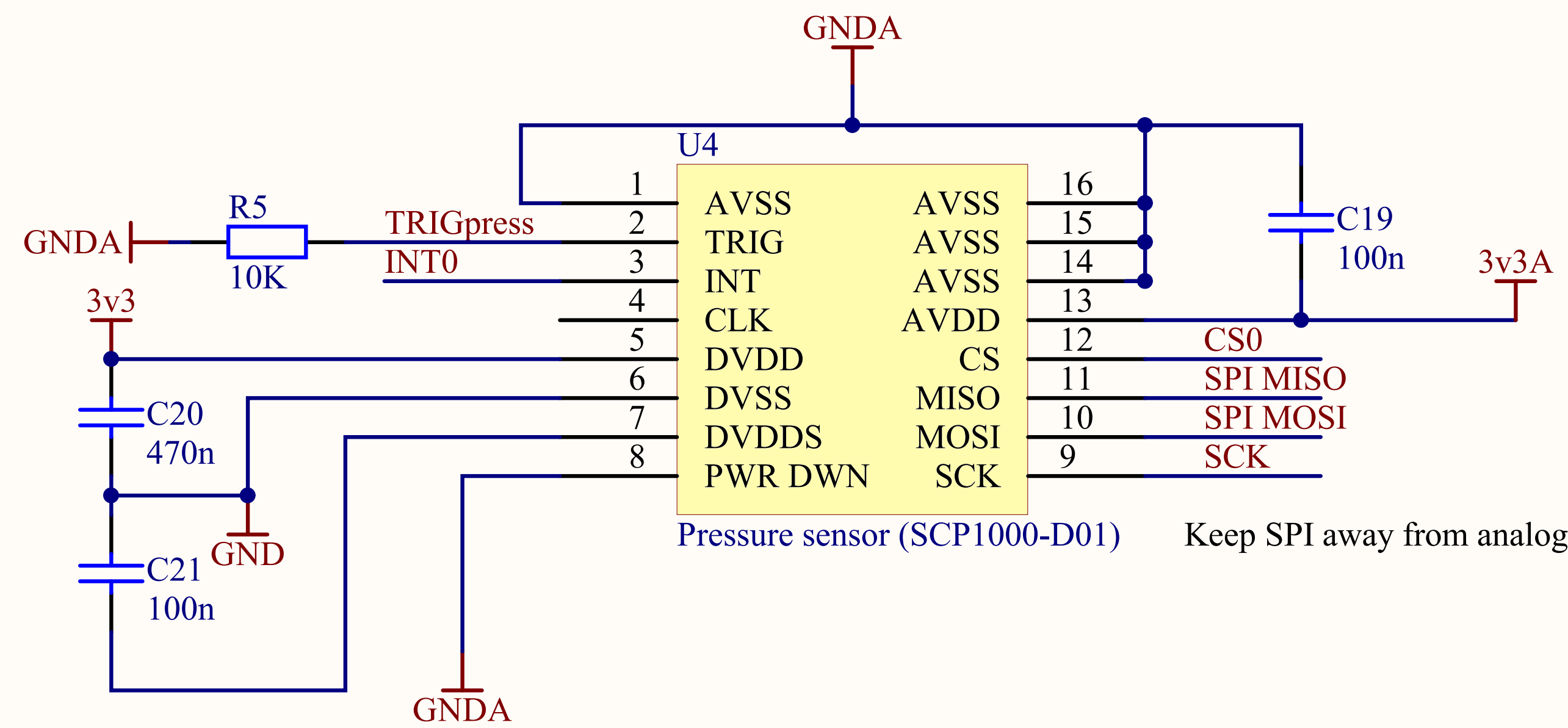
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			WillyPietersz@gmail.com		



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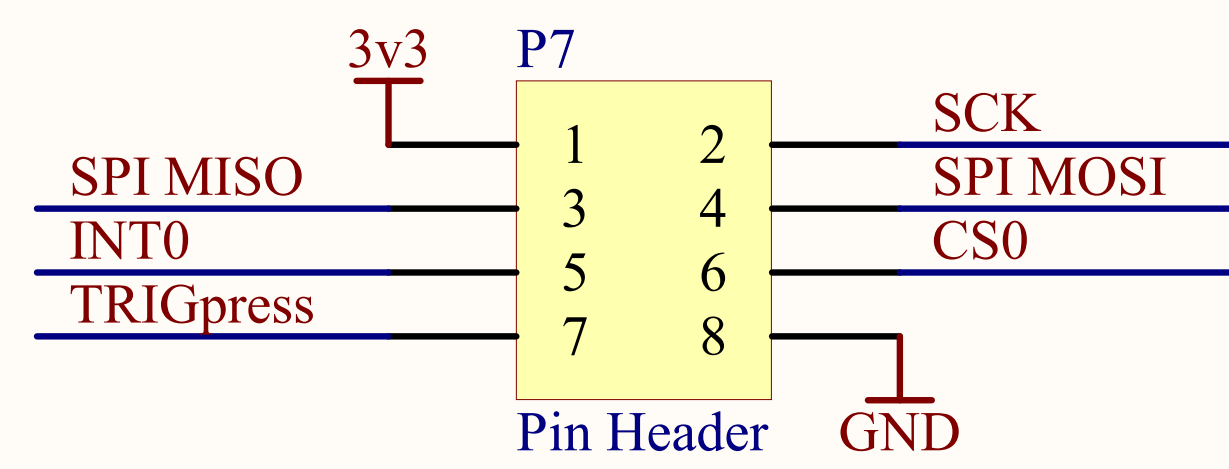
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Title <i>Power Supply Entry</i>			Contact:	-	<i>www.wnprd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:13	Sheet of		-	<i>WillyPietersz@gmail.com</i>
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Power Entry 24v-3pin Fused-1A5.SchDoc					

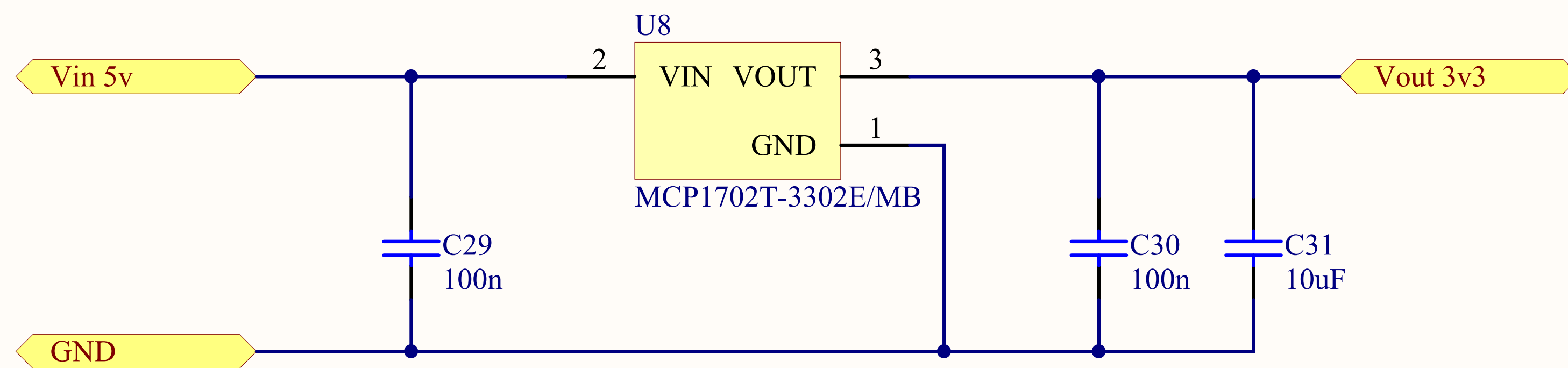


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Title <i>Pressure sensor -SPI</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:13	Sheet of		-	
				<i>WillyPietersz@gmail.com</i>	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Pressure sensor - SCP1000-D01.SchDoc					



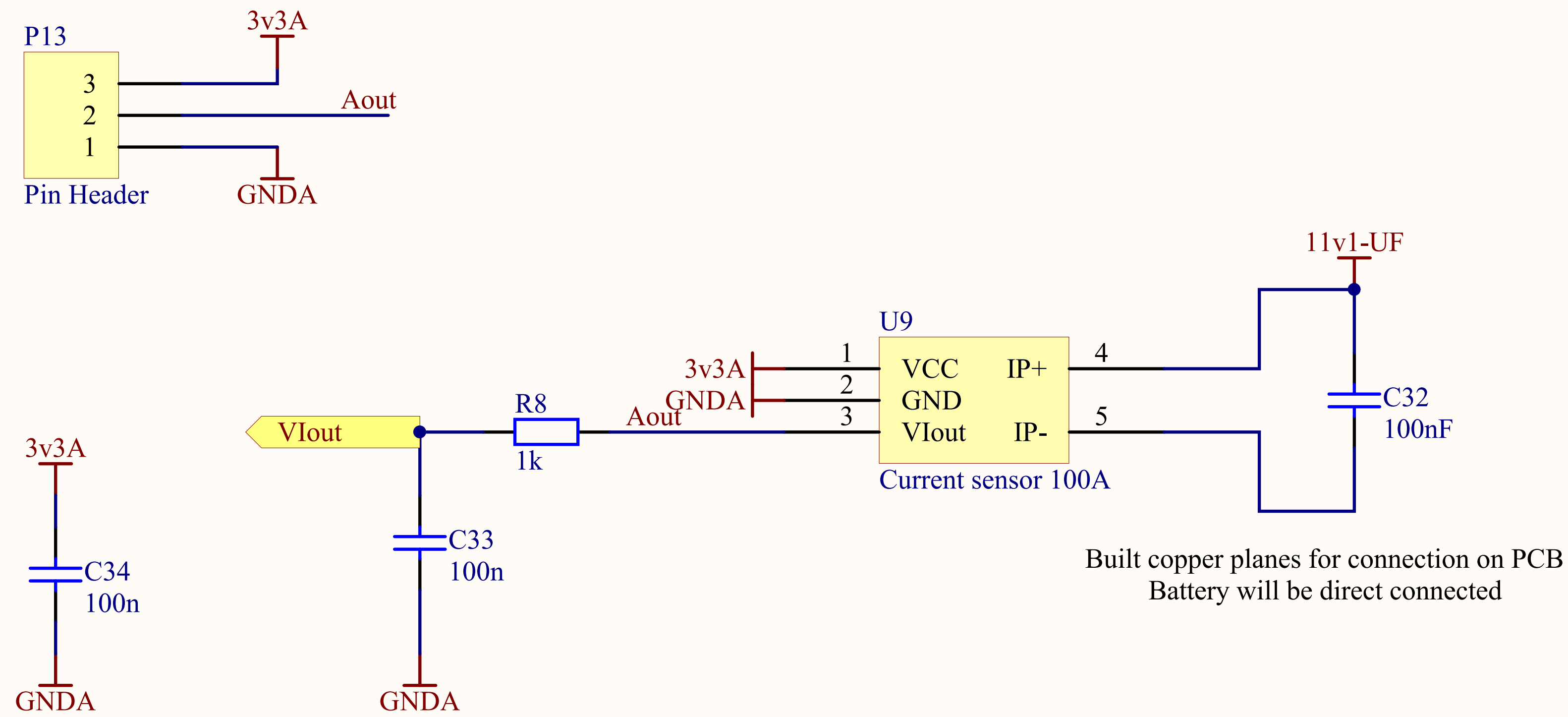
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Title <i>Regulator 3v3 out</i>			Contact:	-
Size: A4	Name: Ing. W. Pietersz	Revision:		-
Date: 3-1-2011	Time: 9:47:13	Sheet of		-
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Regulator 3v3-250mA MCP1702.SchDoc			- <i>www.wnpd.nl</i>	

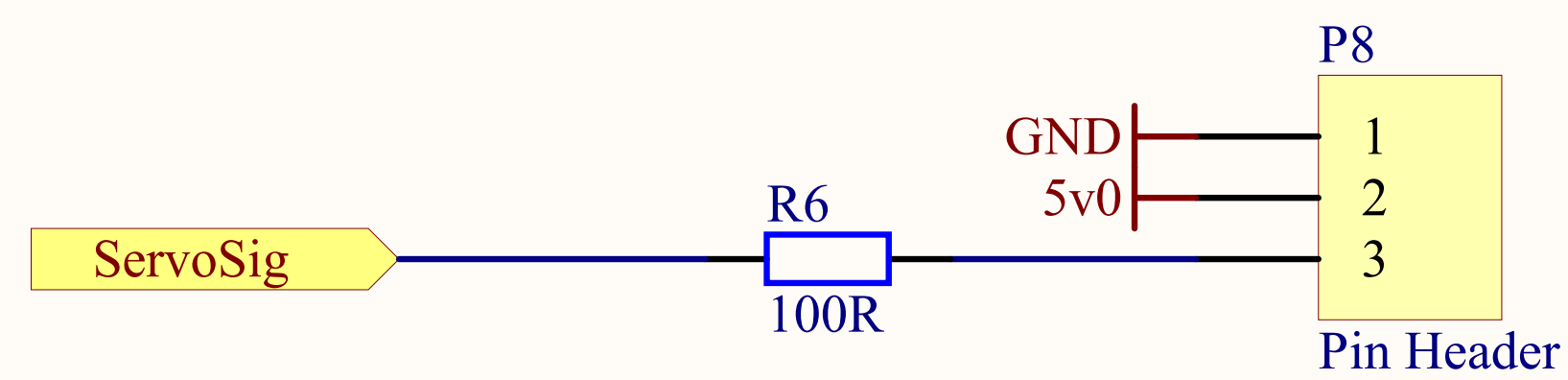
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Built copper planes for connection on PCB
Battery will be direct connected

Title <i>Hall-Sensor, 100A Max.</i>			Contact:	-	<i>www.wnpg.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:13	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadron\hardware\IMU V1\Sensor current 100A.SchDoc				-	



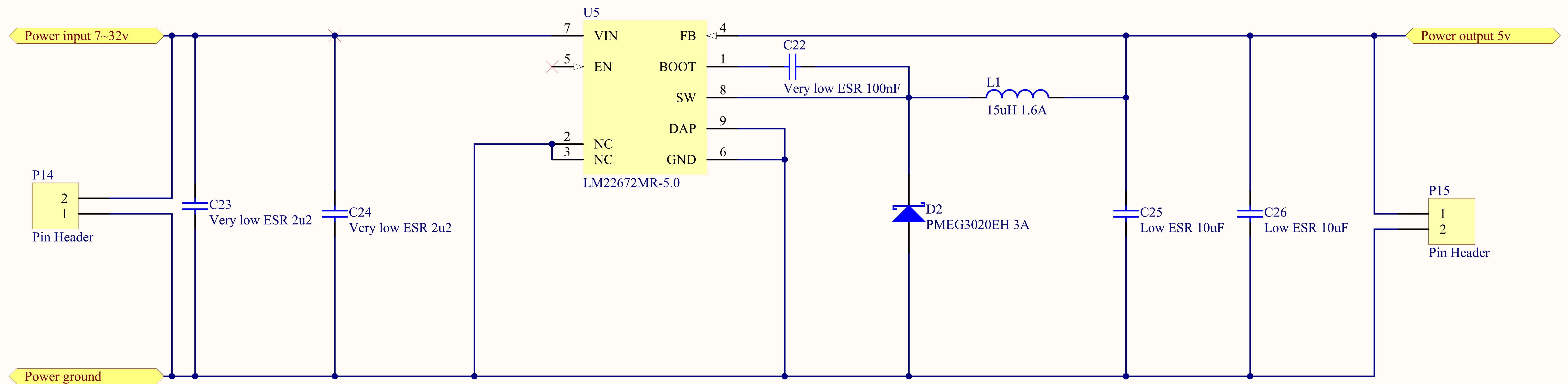
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Title	<i>Servo connector in/out</i>			Contact:	-	www.wnpd.nl
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	3-1-2011	Time:	9:47:13	Sheet of	-	
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\ServoConnector.SchDoc					

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Title <i>SMPS 5v 1A - low ripple</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:13	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\SMPS 1000mA - LM22672.SchDoc					

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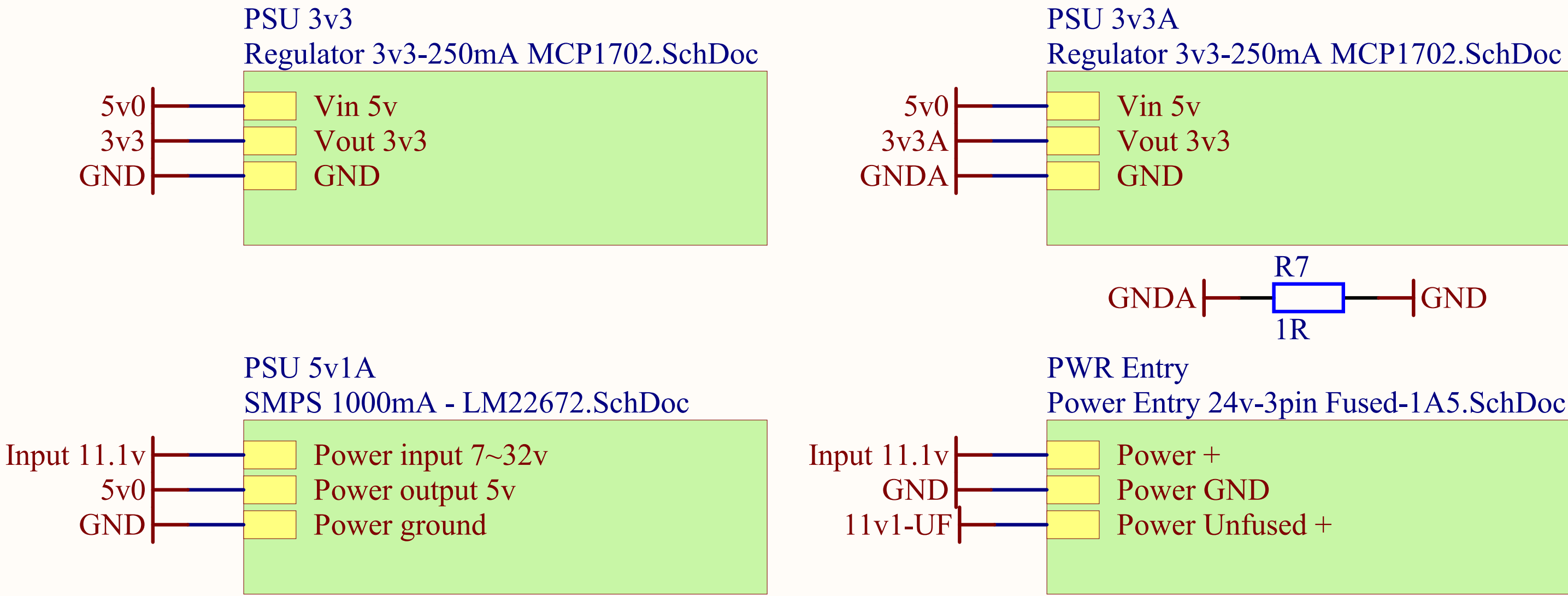
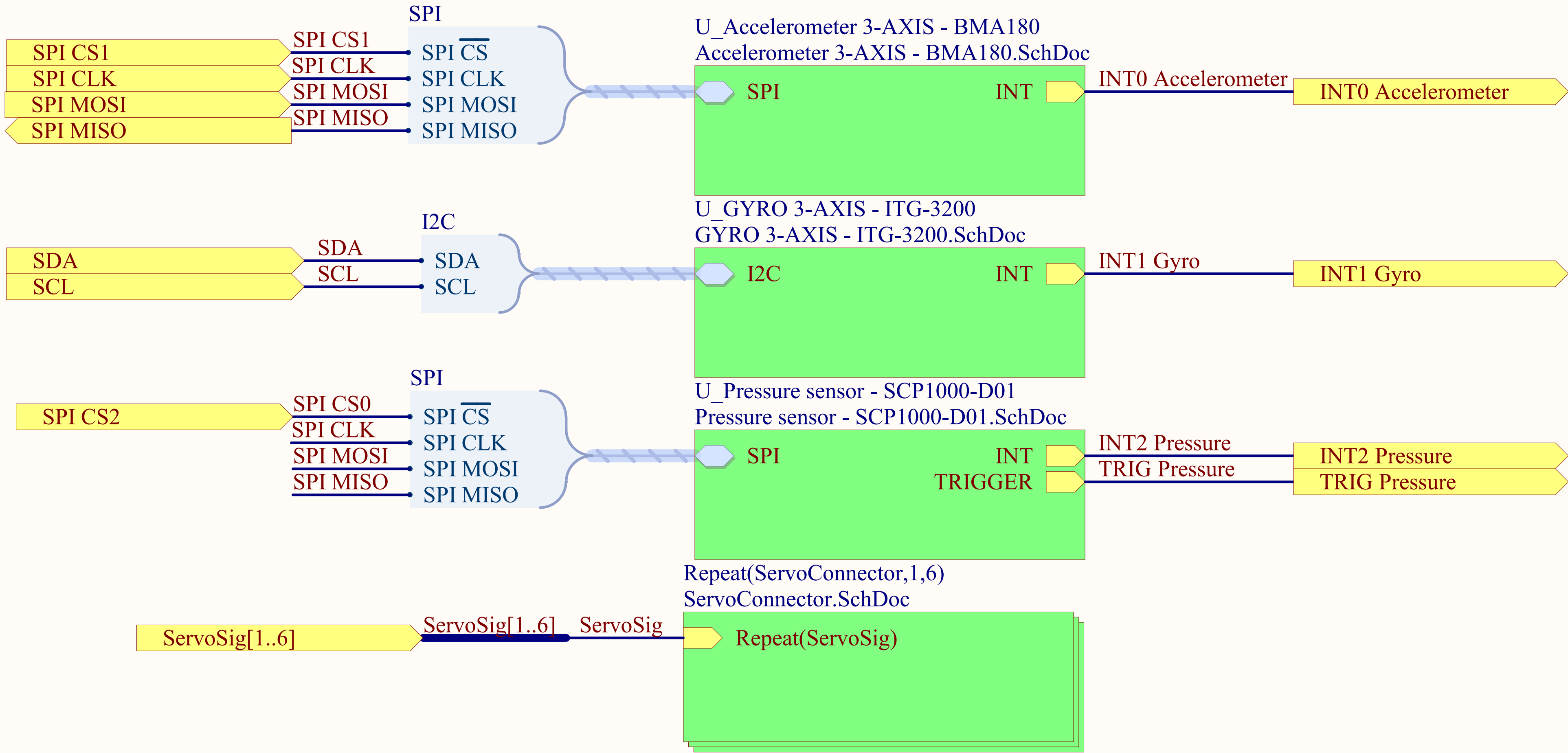
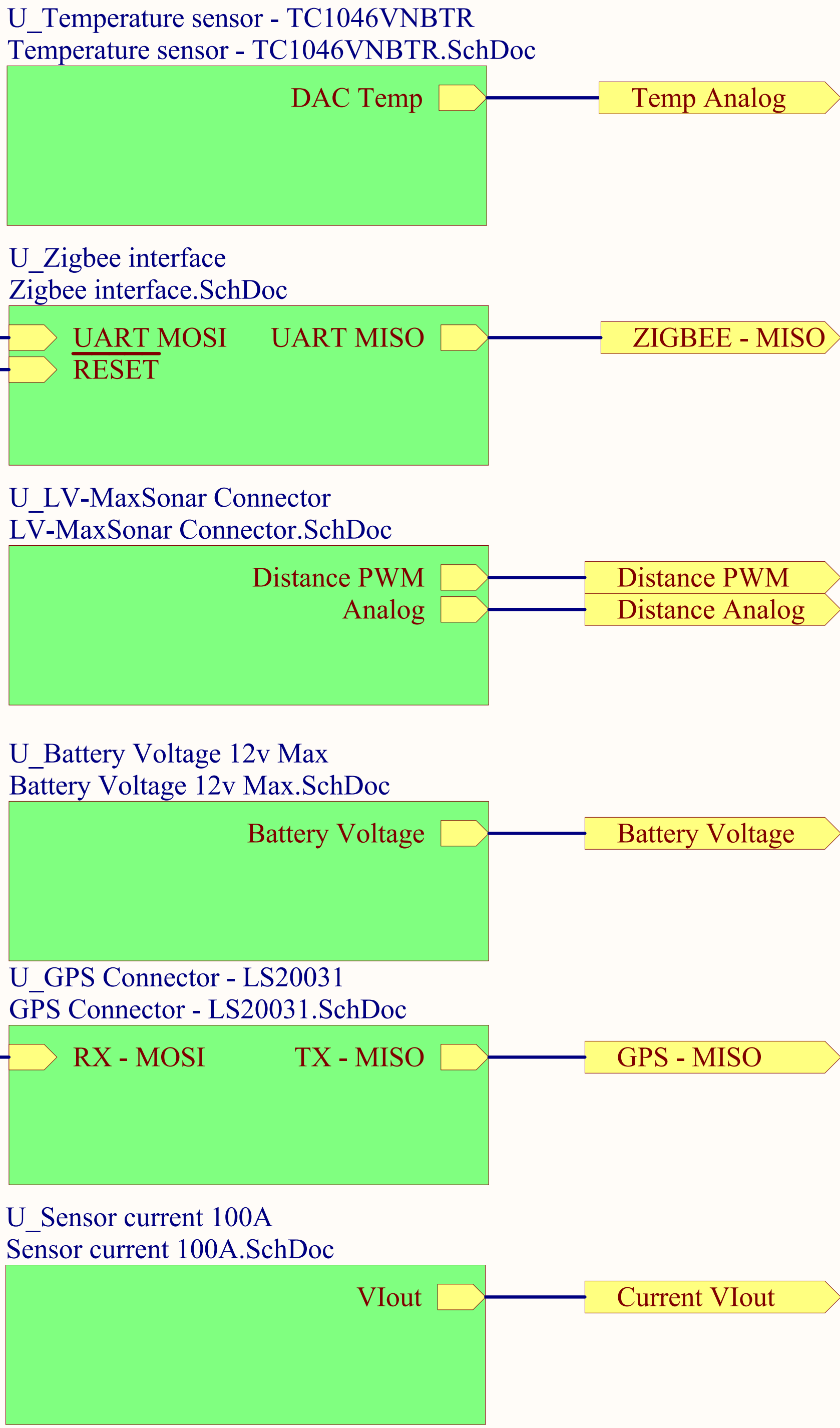
D

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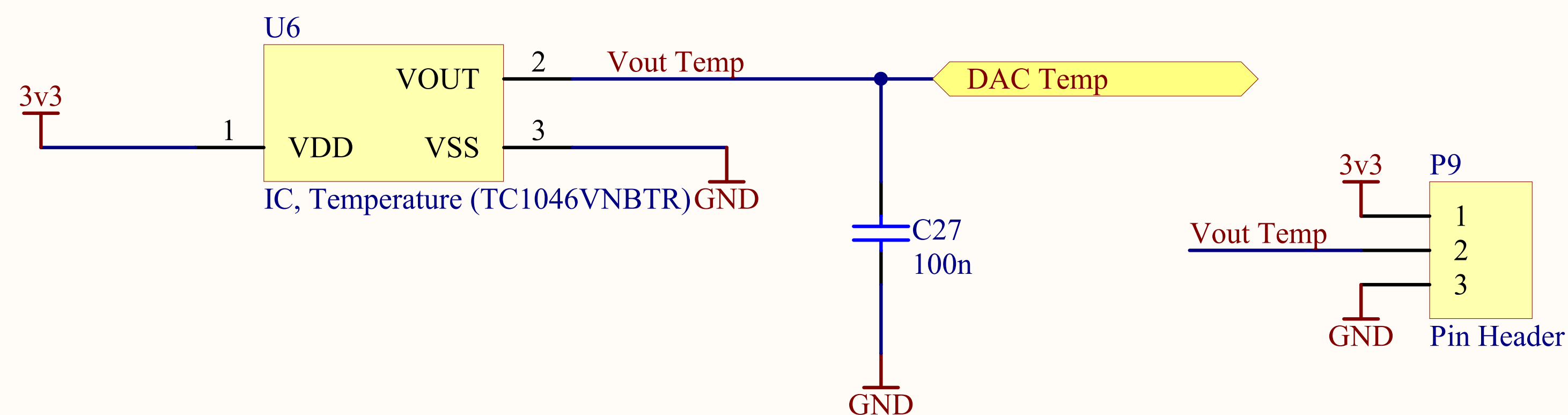
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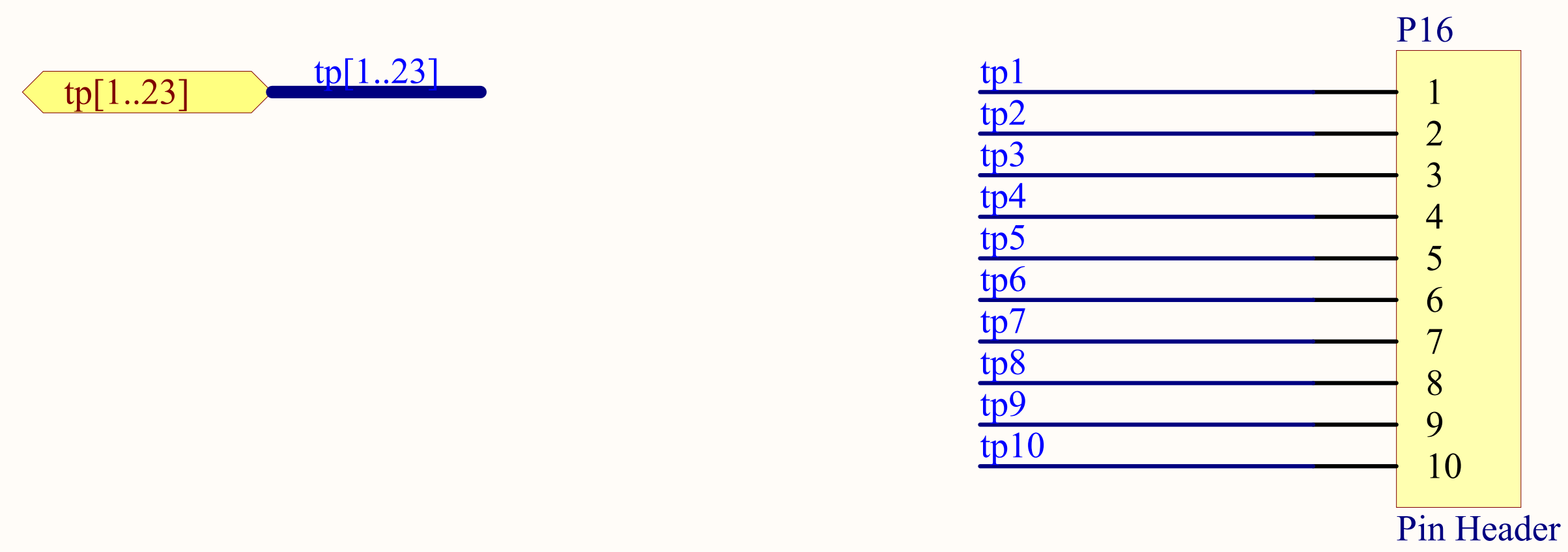
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Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:14	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Subsheets combined.SchDoc				-	
			WillyPietersz@gmail.com		



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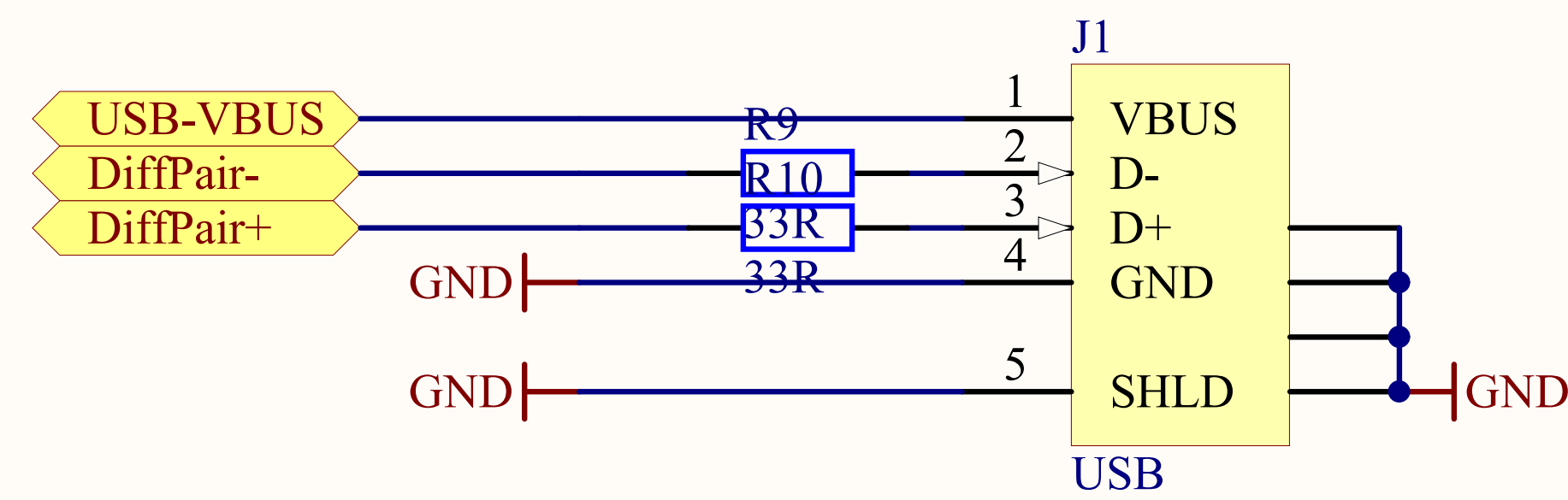
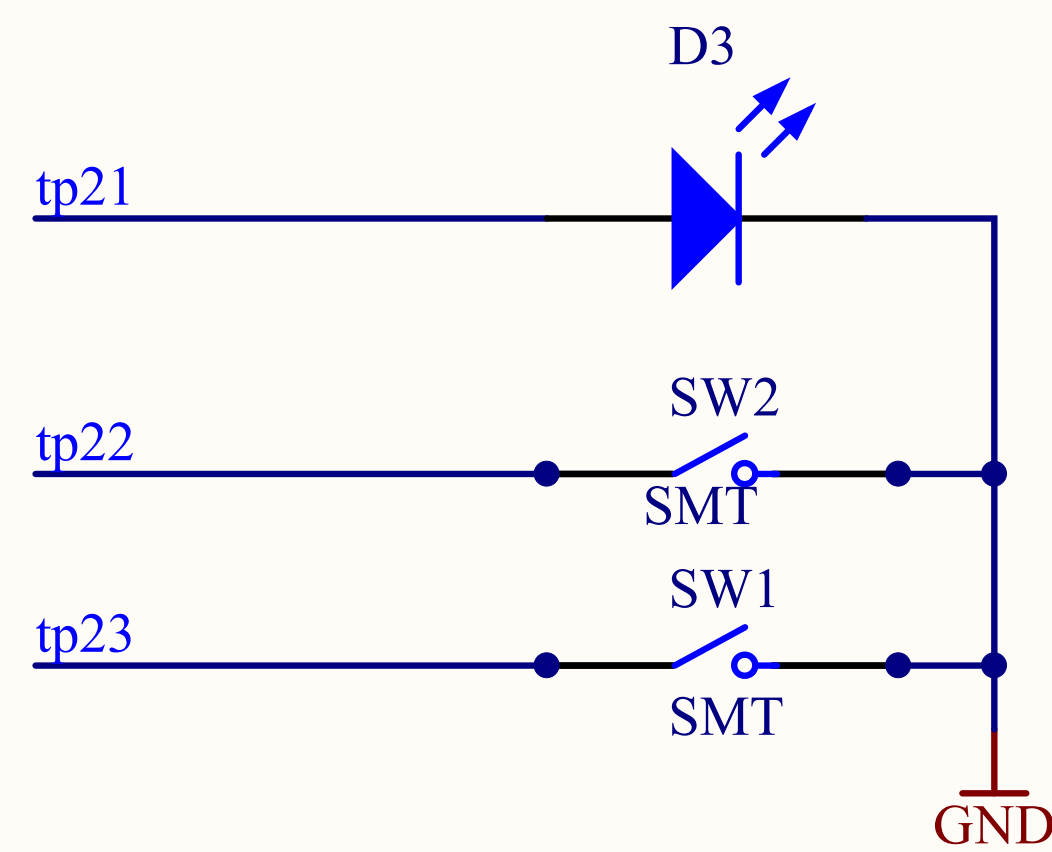
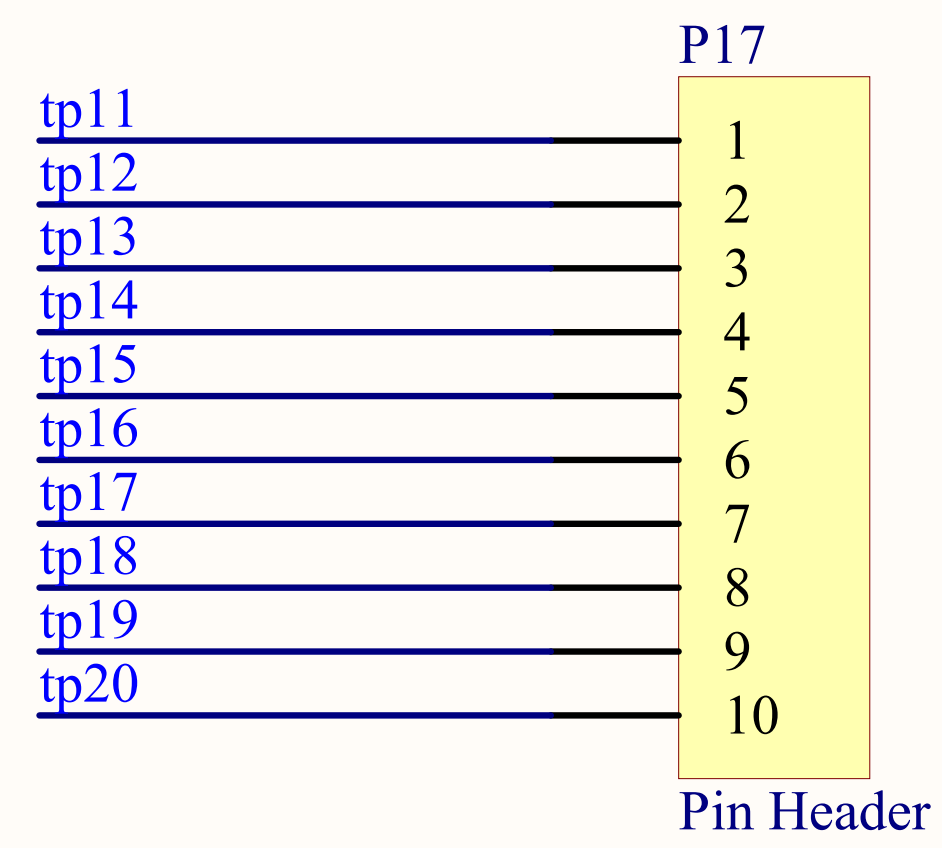
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Title	<i>Temperature sensor - Analog out</i>			Contact:	- www.wnpd.nl
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-
Date:	3-1-2011	Time:	9:47:14	Sheet of	- WillyPietersz@gmail.com
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Temperature sensor - TC1046VNBTR.SchDoc				



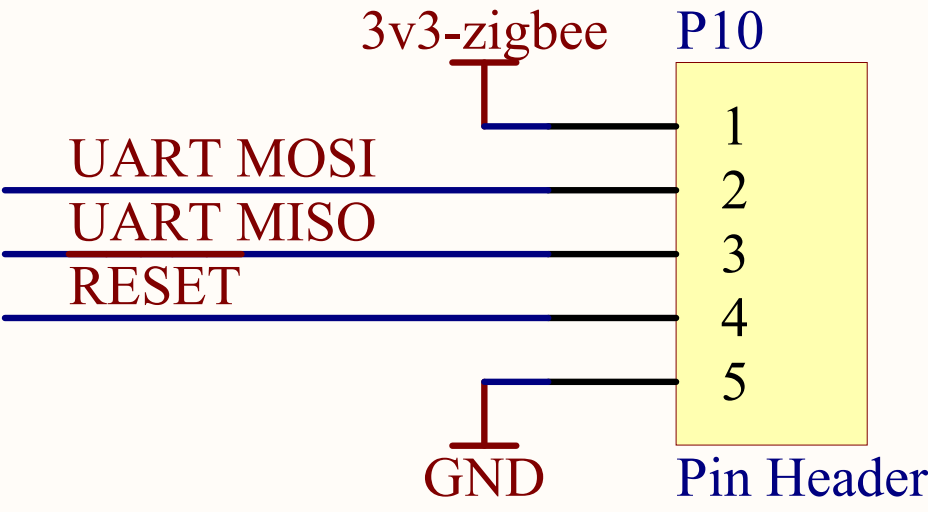
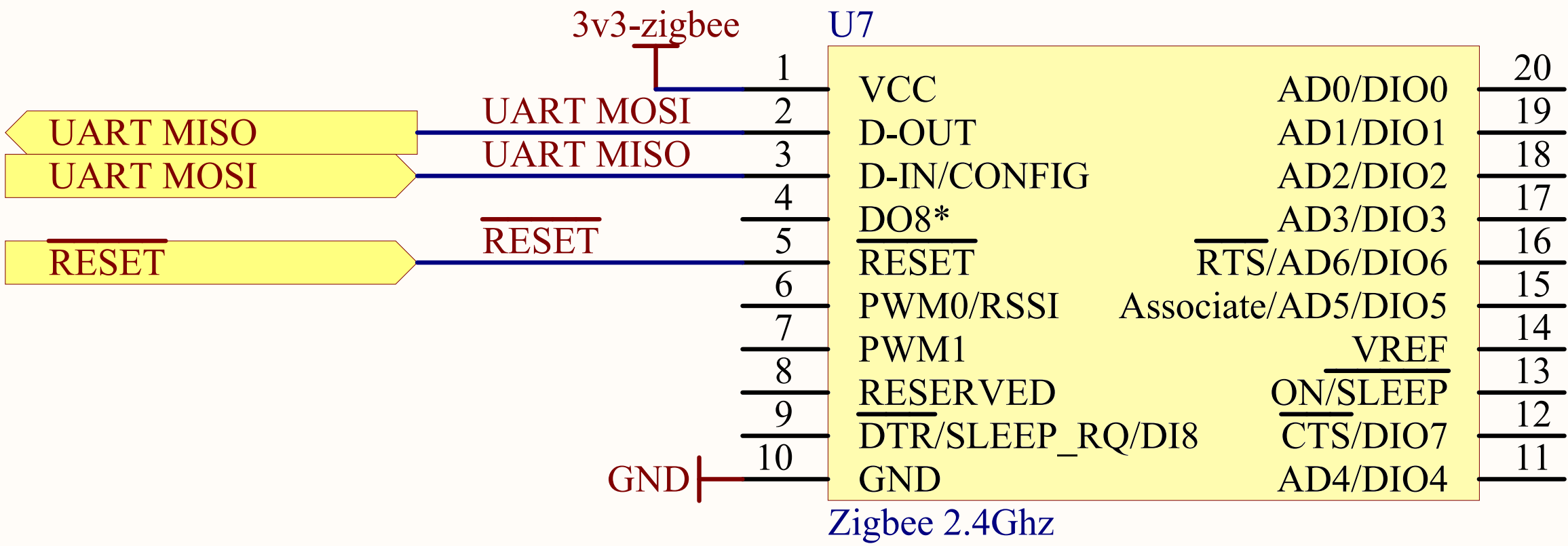
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Title <i>Optional ext. IO</i>			Contact:	-	<i>www.wnpd.nl</i>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 9:47:14	Sheet of		-	
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A

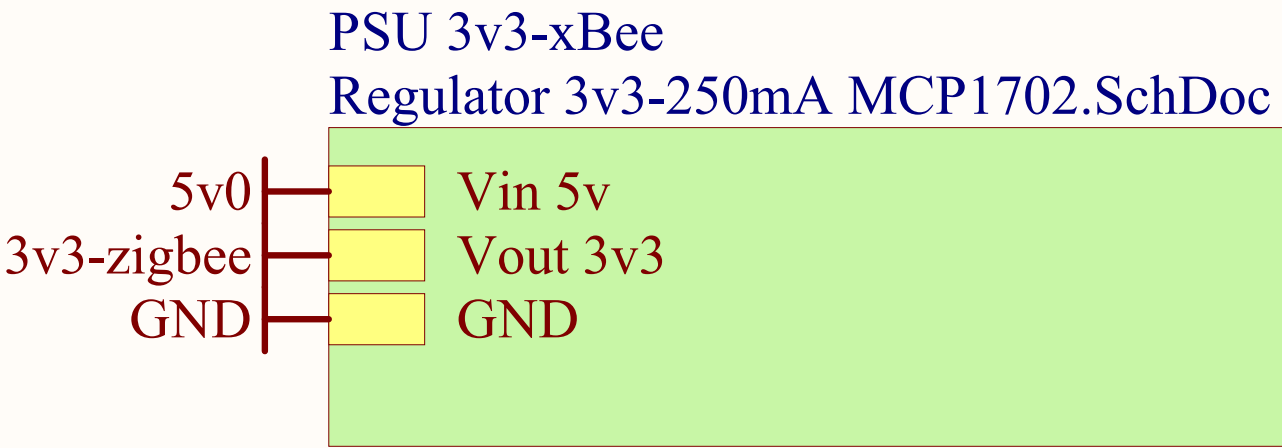


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A

B



B

C

C

D

D

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>3-1-2011</i>	Time: <i>9:47:14</i>	Sheet of		-	
File: <i>E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Zigbee interface.SchDoc</i>				-	