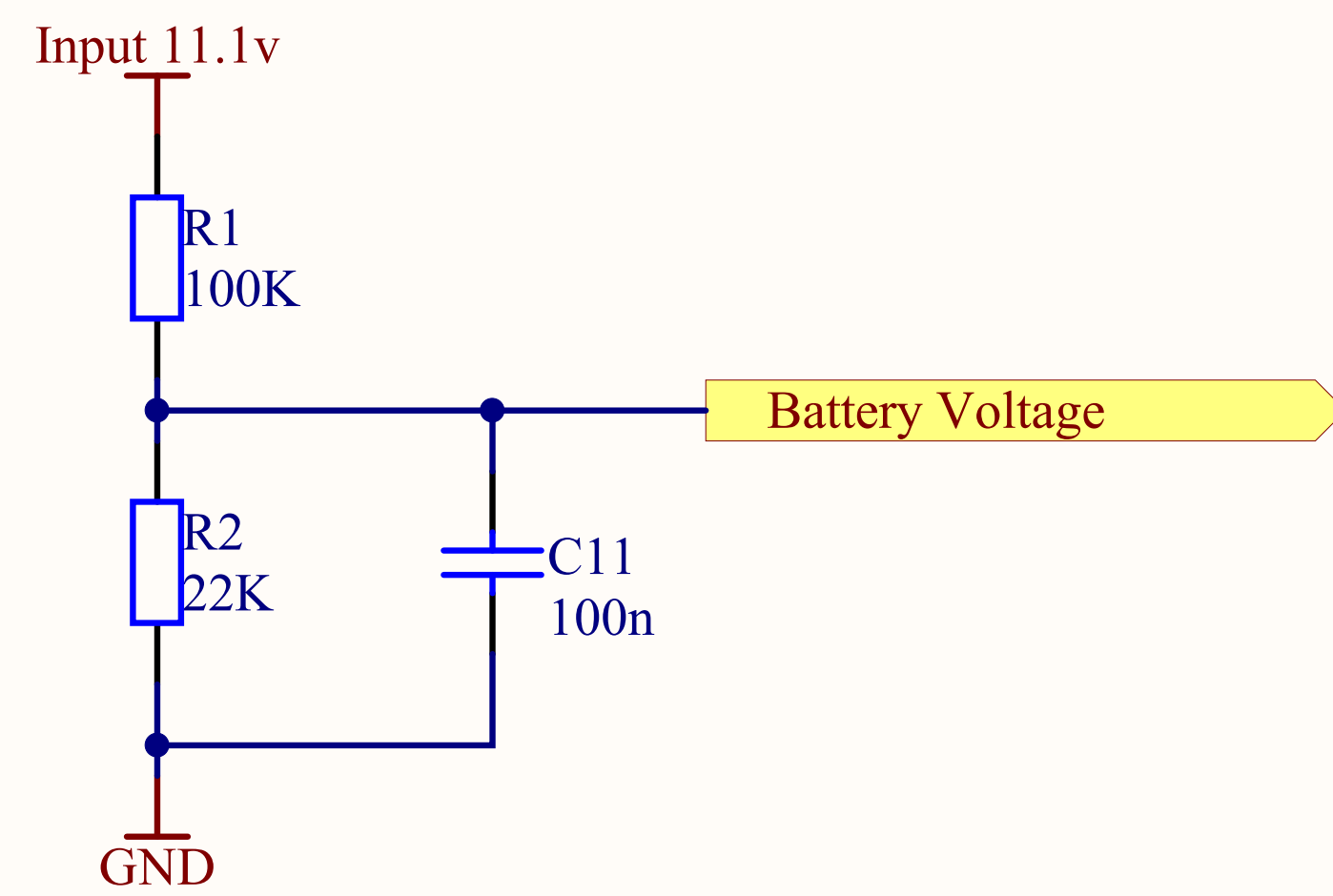




Disclaimer

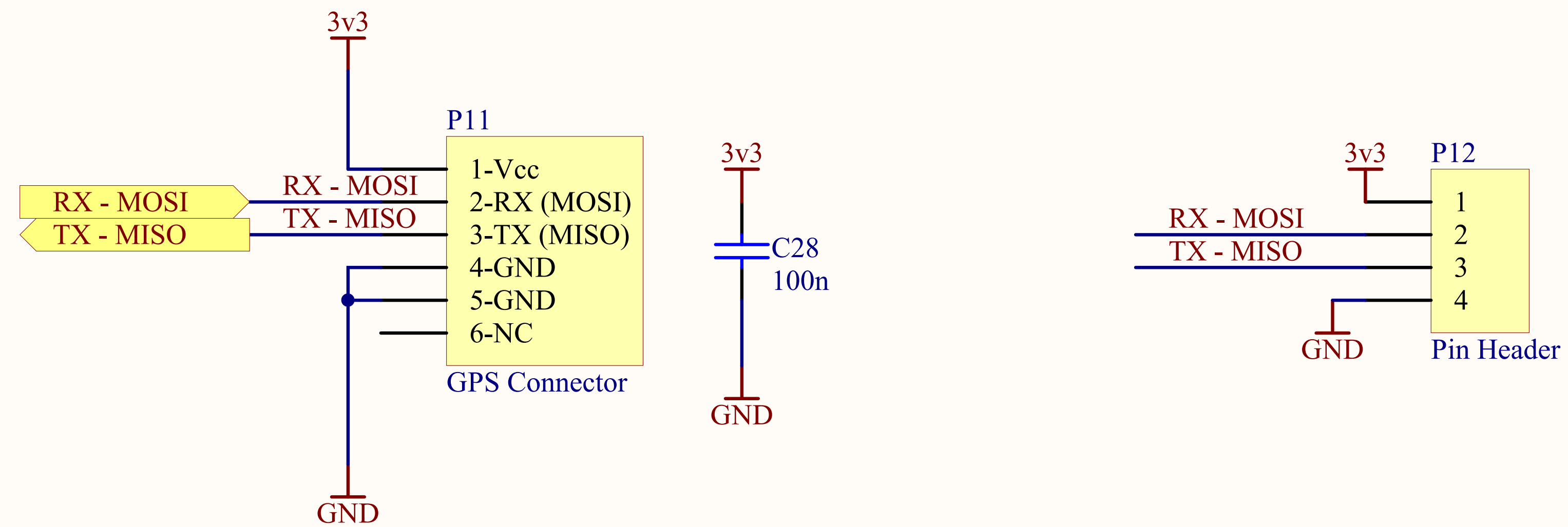
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Title	<b>Battery voltage monitor, 12v Max.</b>			Contact:	- <a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-
Date:	3-1-2011	Time:	14:33:20	Sheet of	-
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Battery Voltage 12v Max.SchDoc				- WillyPietersz@gmail.com

Disclaimer

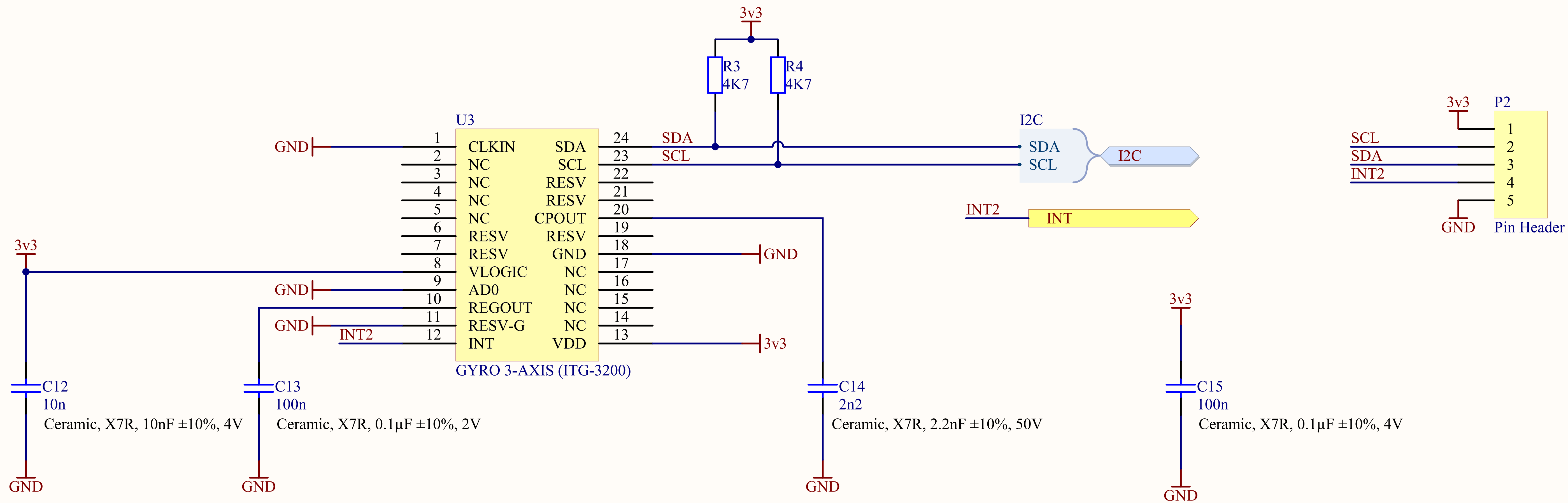
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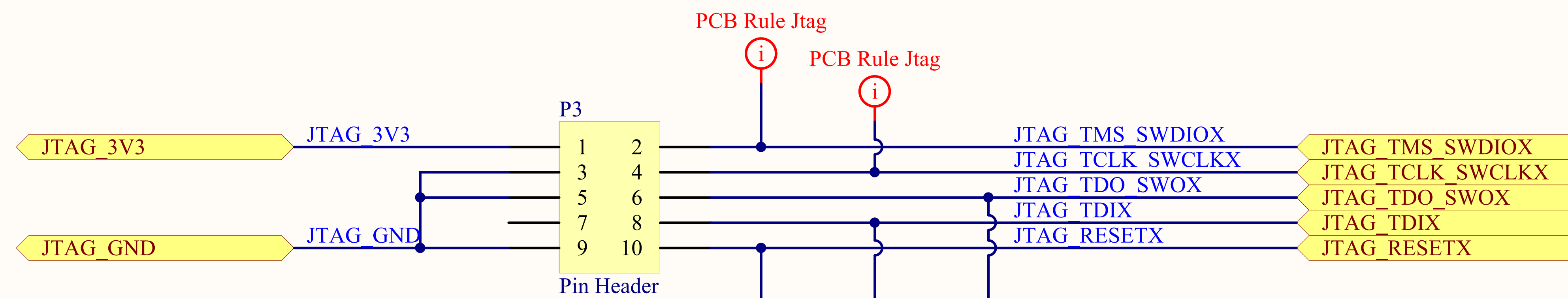
Title <i><b>GPS Connector</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:20</b>	Sheet of		-	
File: <b>E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\GPS Connector - LS20031.SchDoc</b>					

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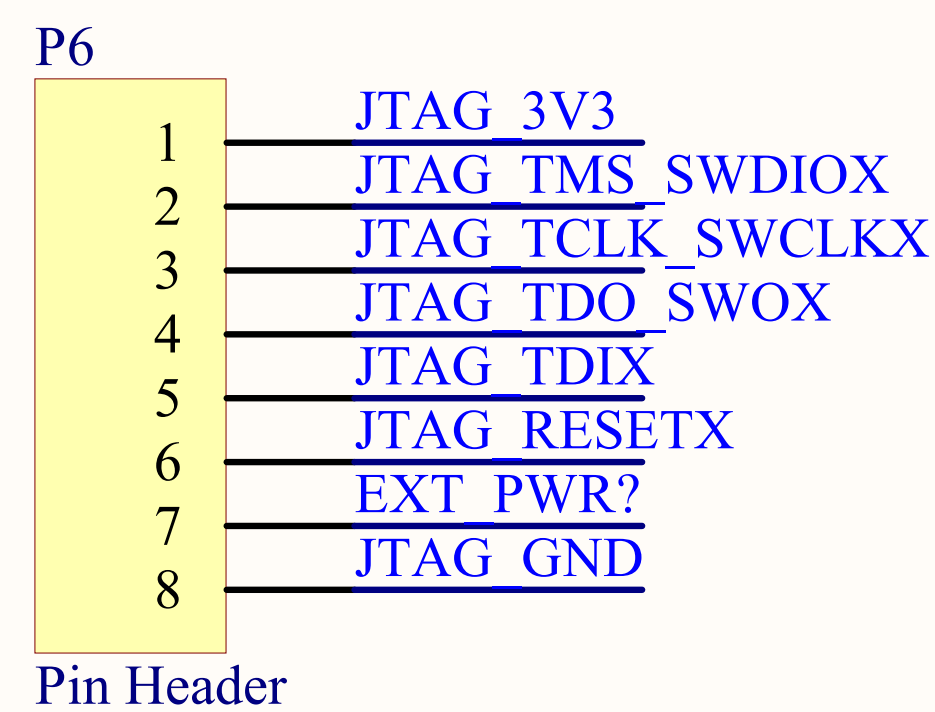


Title <i><b>Gyroscope, 3-Axis - I2C</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:21</b>	Sheet of		-	
				<i>WillyPietersz@gmail.com</i>	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\GYRO 3-AXIS - ITG-3200.SchDoc					



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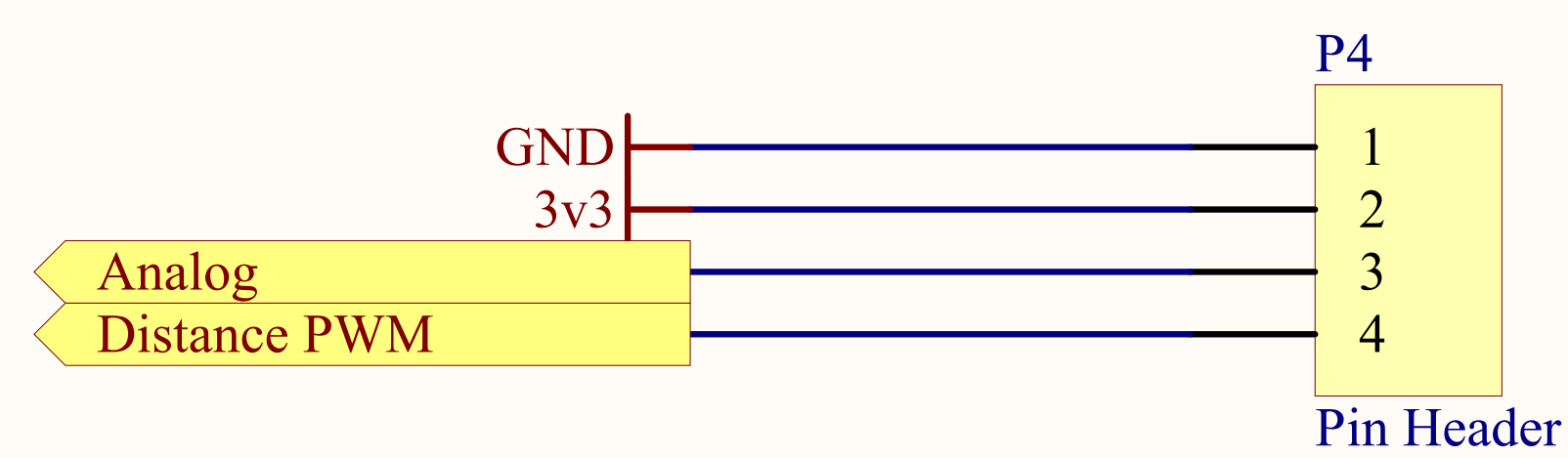
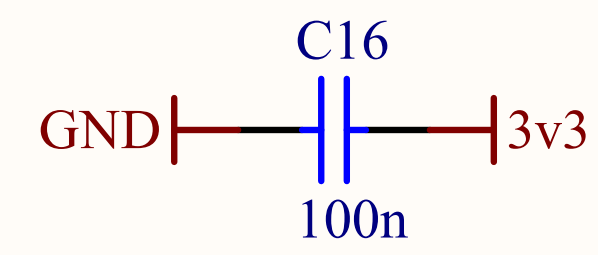


Title	<b>JTAG Interface</b>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	3-1-2011	Time:	14:33:21	Sheet of	-	
File:	E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\JTAG Connector.SchDoc					



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Title <i><b>Distance echo sensor</b></i>			Contact:	-
Size: <b>A4</b>	Name: Ing. W. Pietersz	Revision:		-
Date: 3-1-2011	Time: 14:33:21	Sheet of		-
File: E:\USE SVN\Projecten\Hardware\keadron\hardware\IMU V1\LV-MaxSonar Connector.SchDoc				-

A

B

C

D

A

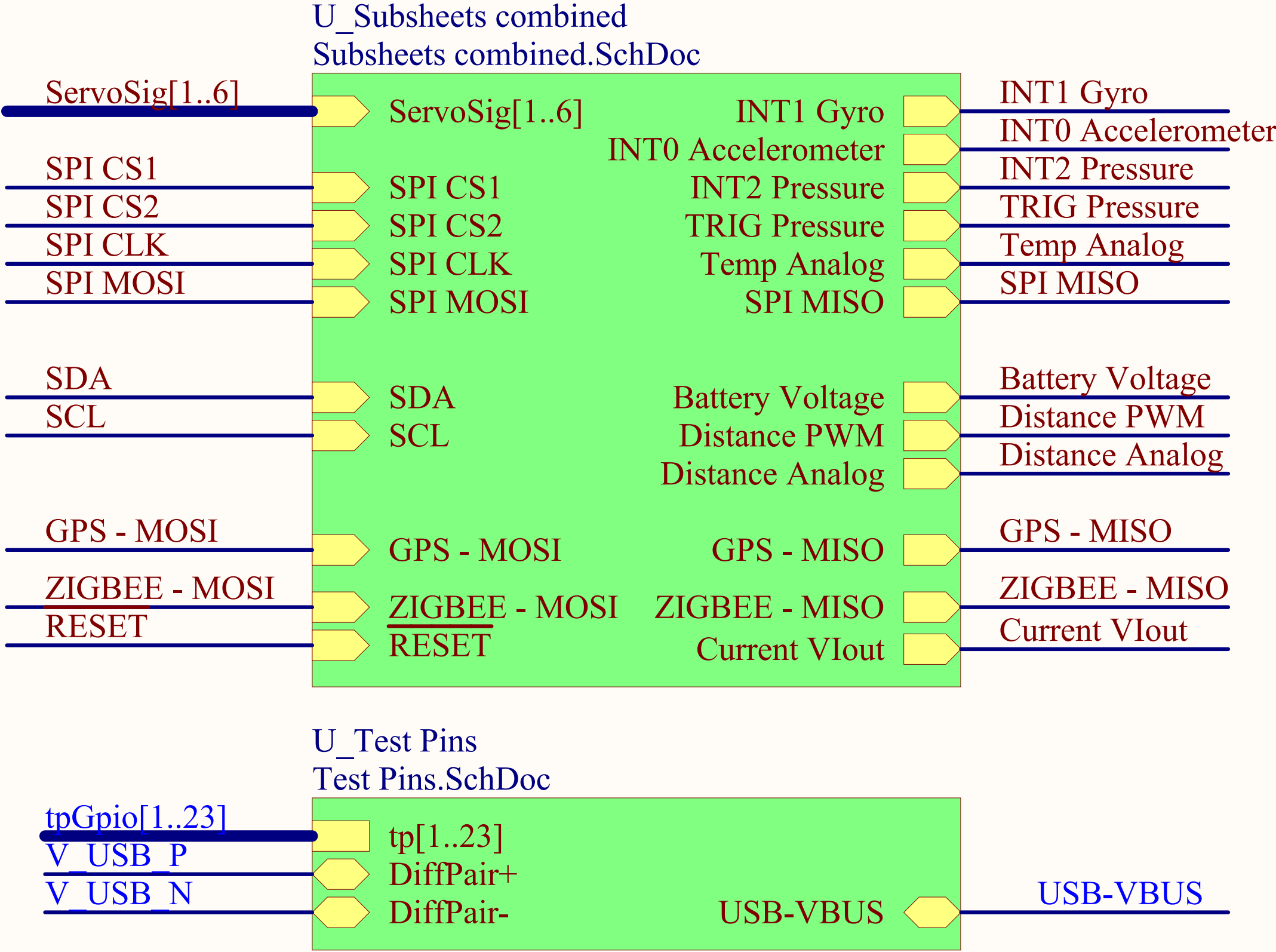
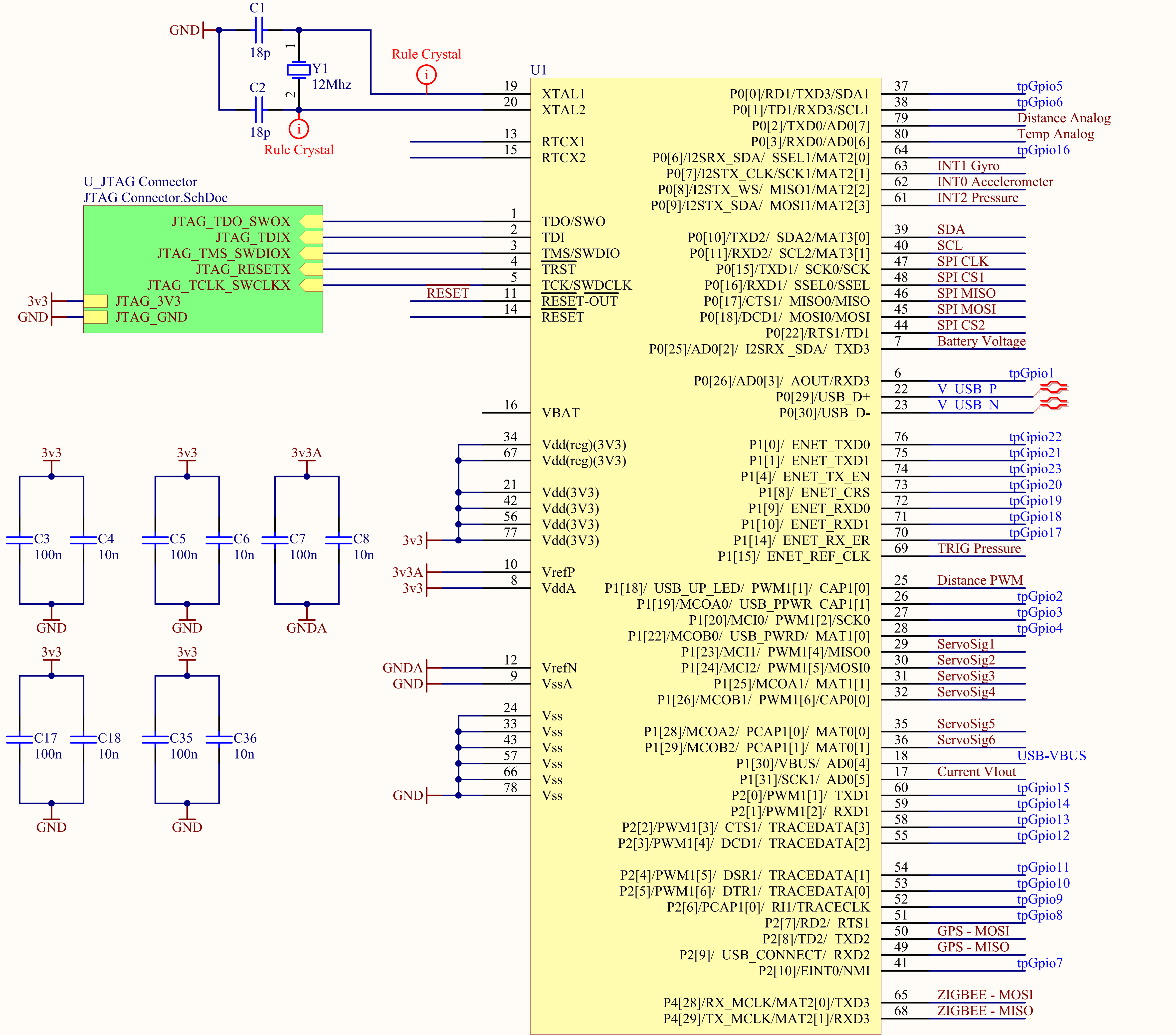
B

C

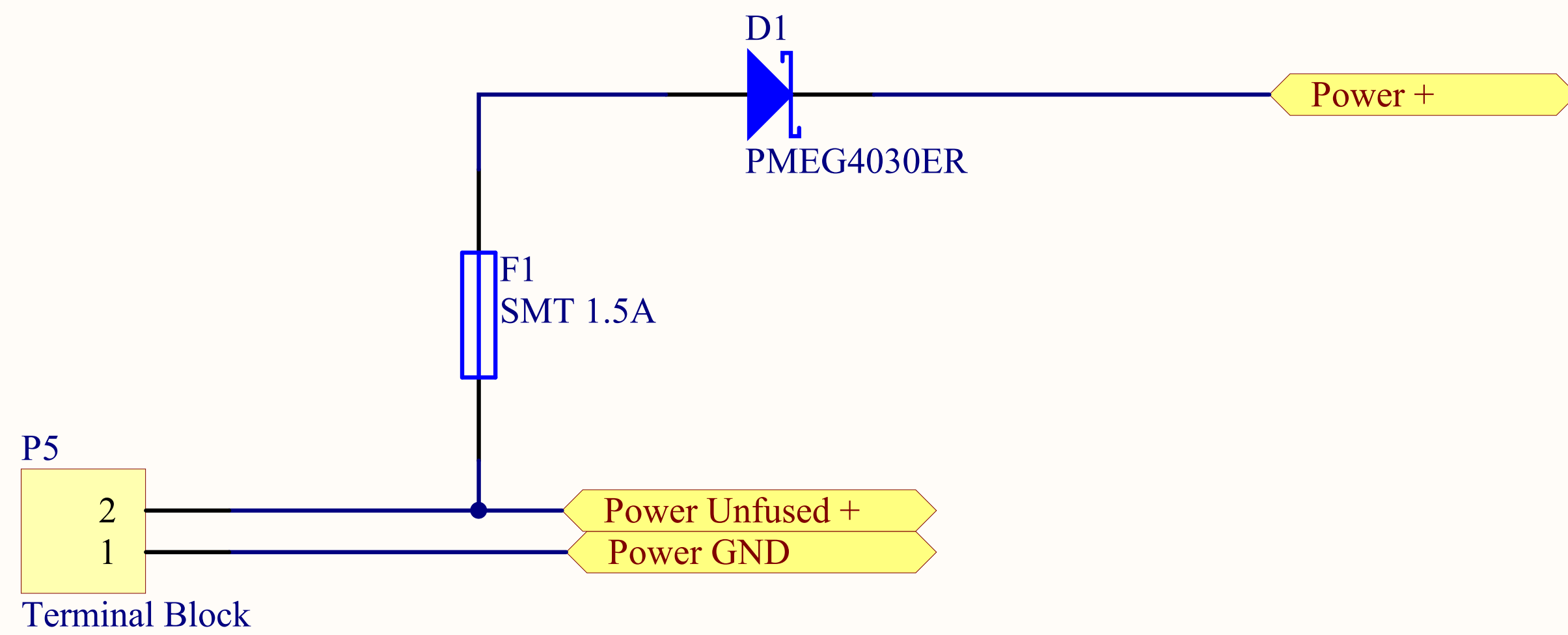
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Title			Contact:	-	<a href="http://www.wnpg.nl">www.wnpg.nl</a>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 14:33:21	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\main.SchDoc				-	
			<a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>		

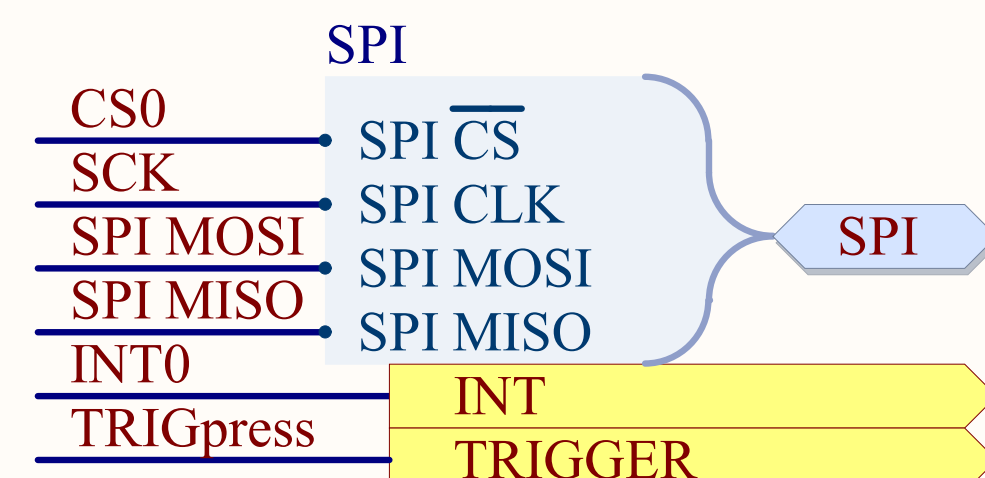
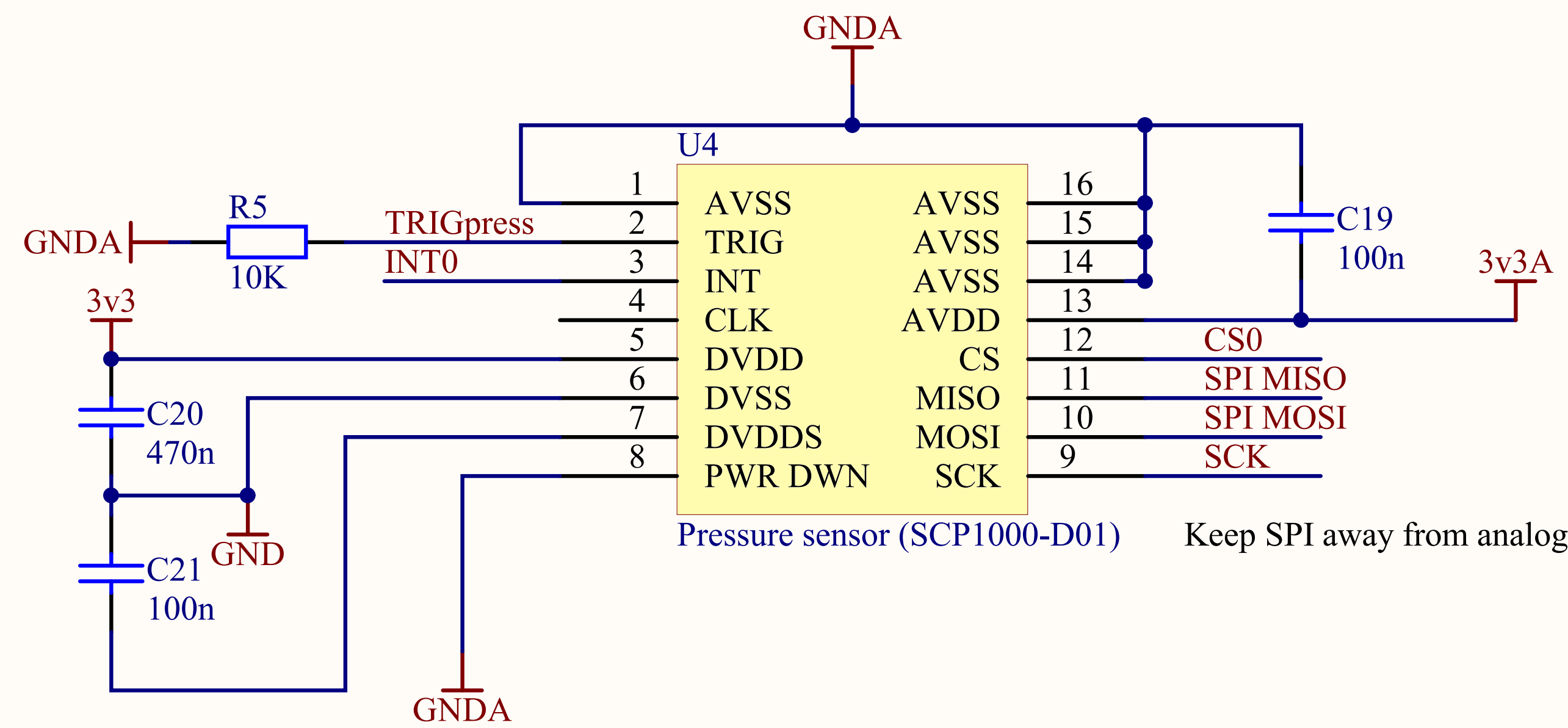


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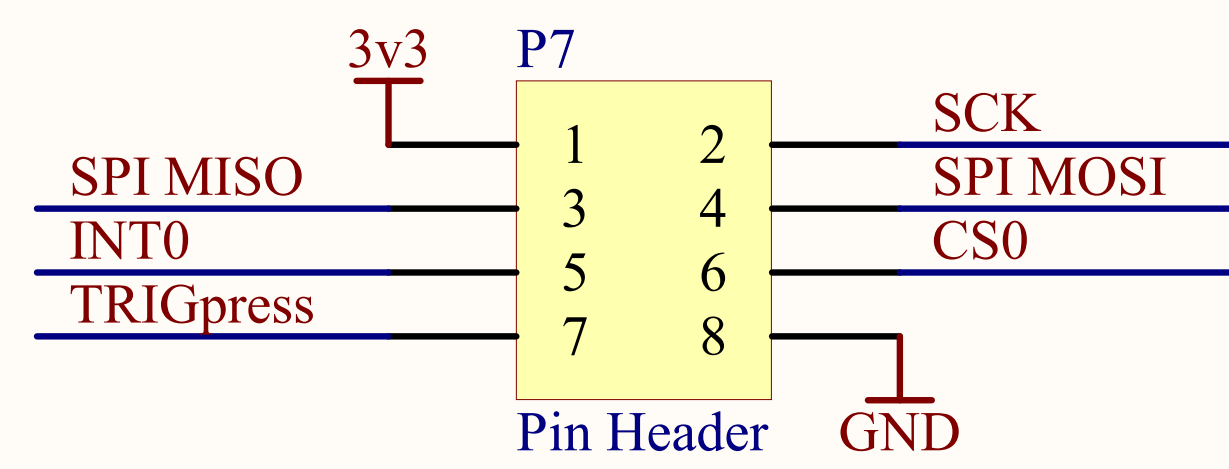
Title <b><i>Power Supply Entry</i></b>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:21</b>	Sheet of		-	
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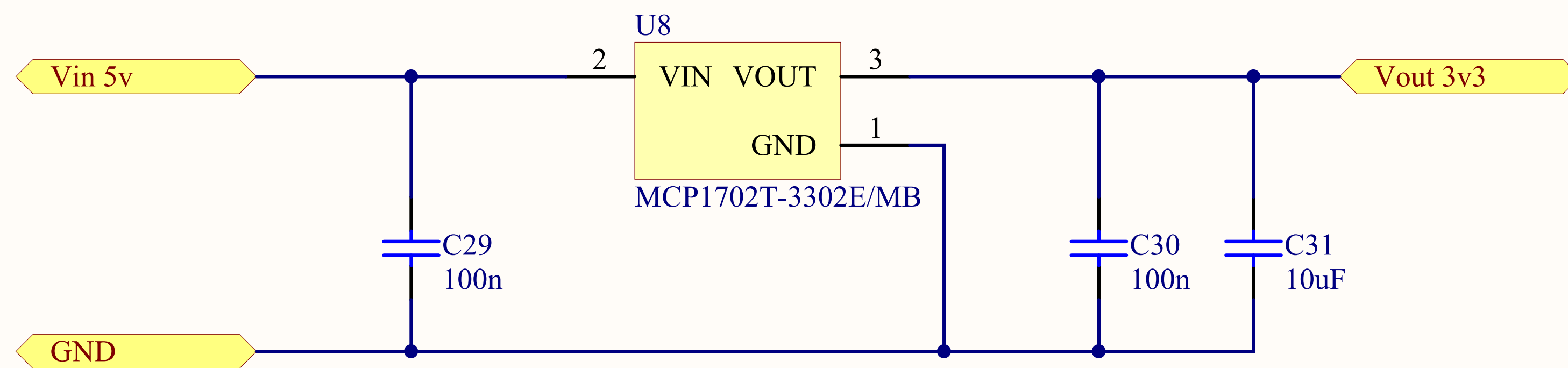


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Title <i><b>Pressure sensor -SPI</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:21</b>	Sheet of		-	
				<i>WillyPietersz@gmail.com</i>	
File: <b>E:\USE SVN\Projecten\Hardware\kardrone\hardware\IMU V1\Pressure sensor - SCP1000-D01.SchDoc</b>					



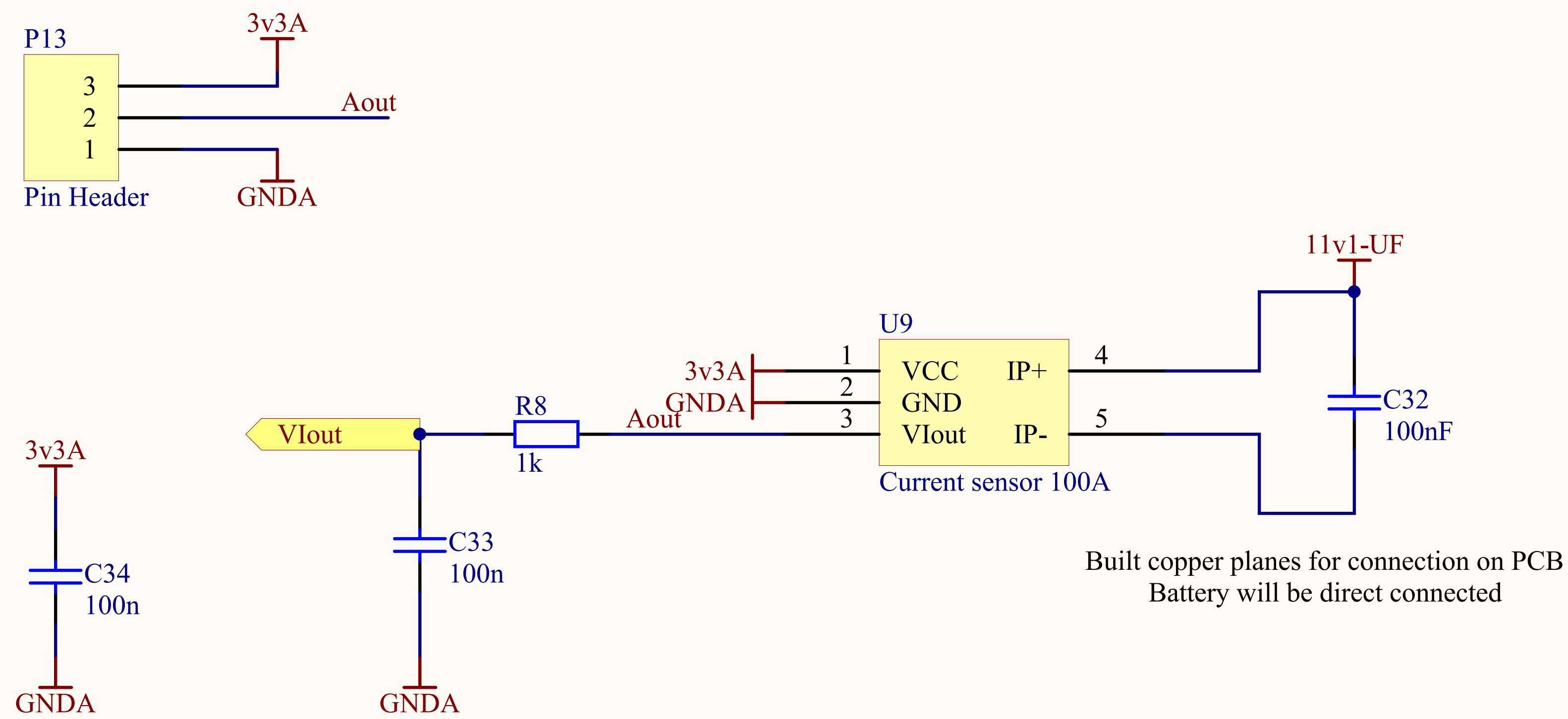
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Title <i><b>Regulator 3v3 out</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:21</b>	Sheet of		-	
				<i>WillyPietersz@gmail.com</i>	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Regulator 3v3-250mA MCP1702.SchDoc					

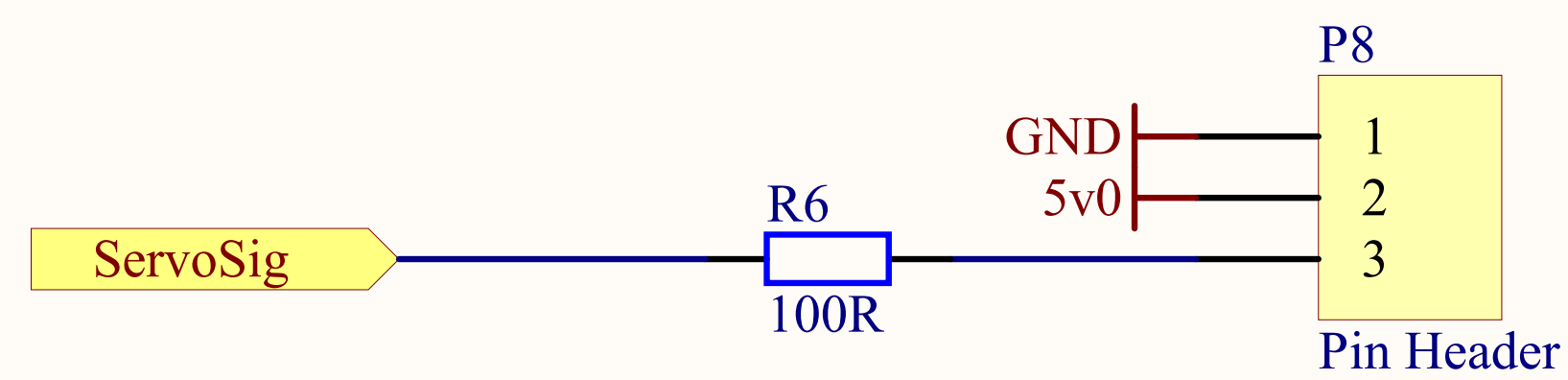
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Built copper planes for connection on PCB  
Battery will be direct connected

Title <i><b>Hall-Sensor, 100A Max.</b></i>			Contact:	-	<i>www.wnpd.nl</i>
Size: <b>A4</b>	Name: <b>Ing. W. Pietersz</b>	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:21</b>	Sheet of		-	
File: <b>E:\USE SVN\Projecten\Hardware\keadron\hardware\IMU V1\Sensor current 100A.SchDoc</b>				-	



Disclaimer

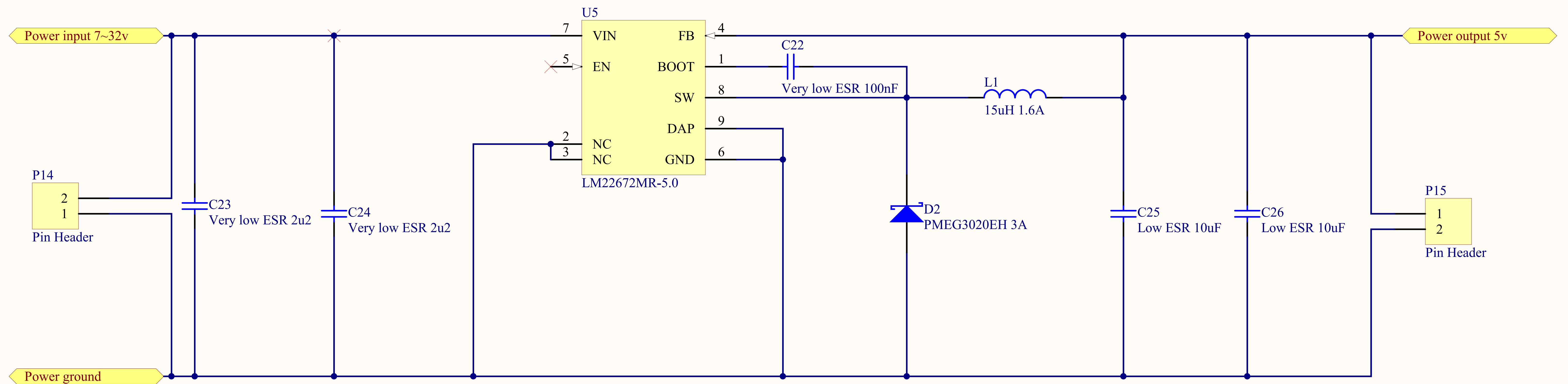
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Title <i><b>Servo connector in/out</b></i>			Contact:	-	<i>www.wnnpd.nl</i>
Size: <b>A4</b>	Name: Ing. W. Pietersz	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:21</b>	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\ServoConnector.SchDoc				-	



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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: Ing. W. Pietersz	Revision:		-	
Date: <b>3-1-2011</b>	Time: <b>14:33:21</b>	Sheet of		-	
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A

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C

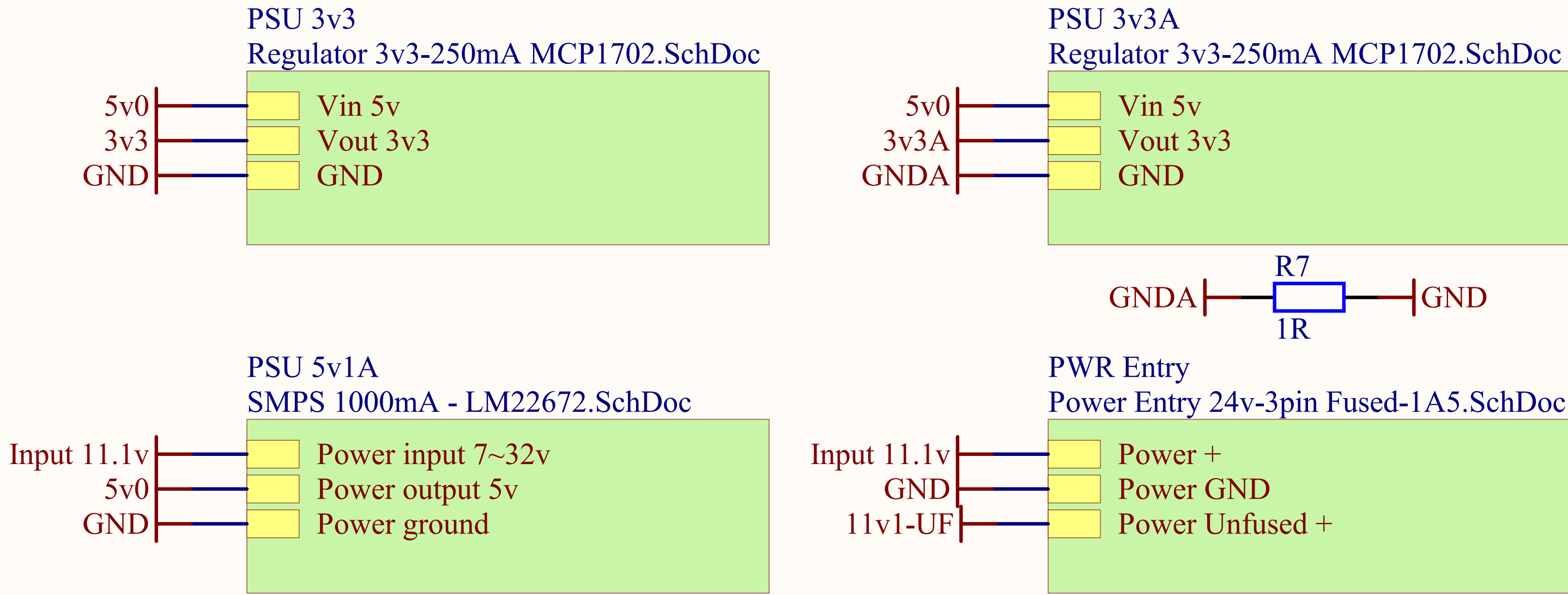
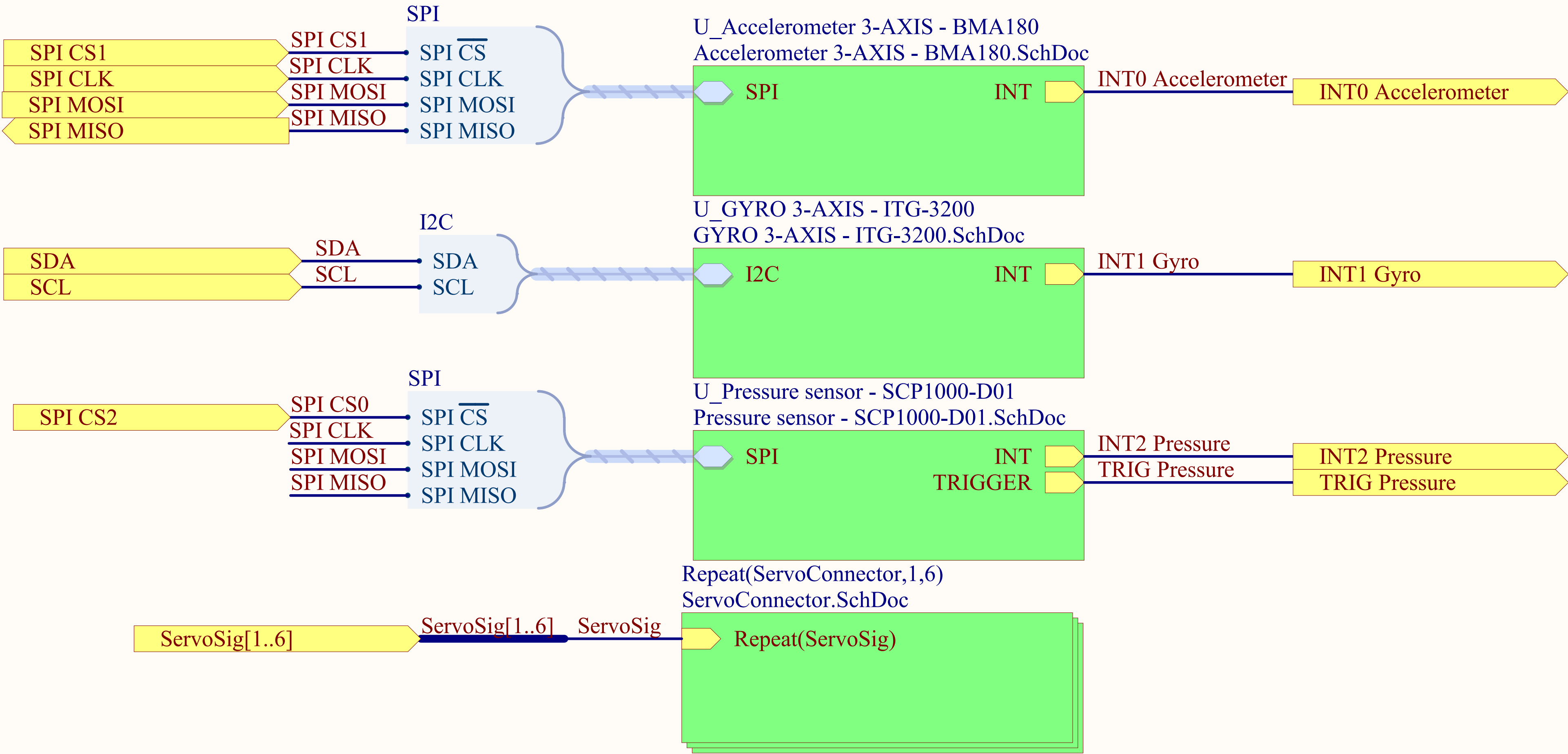
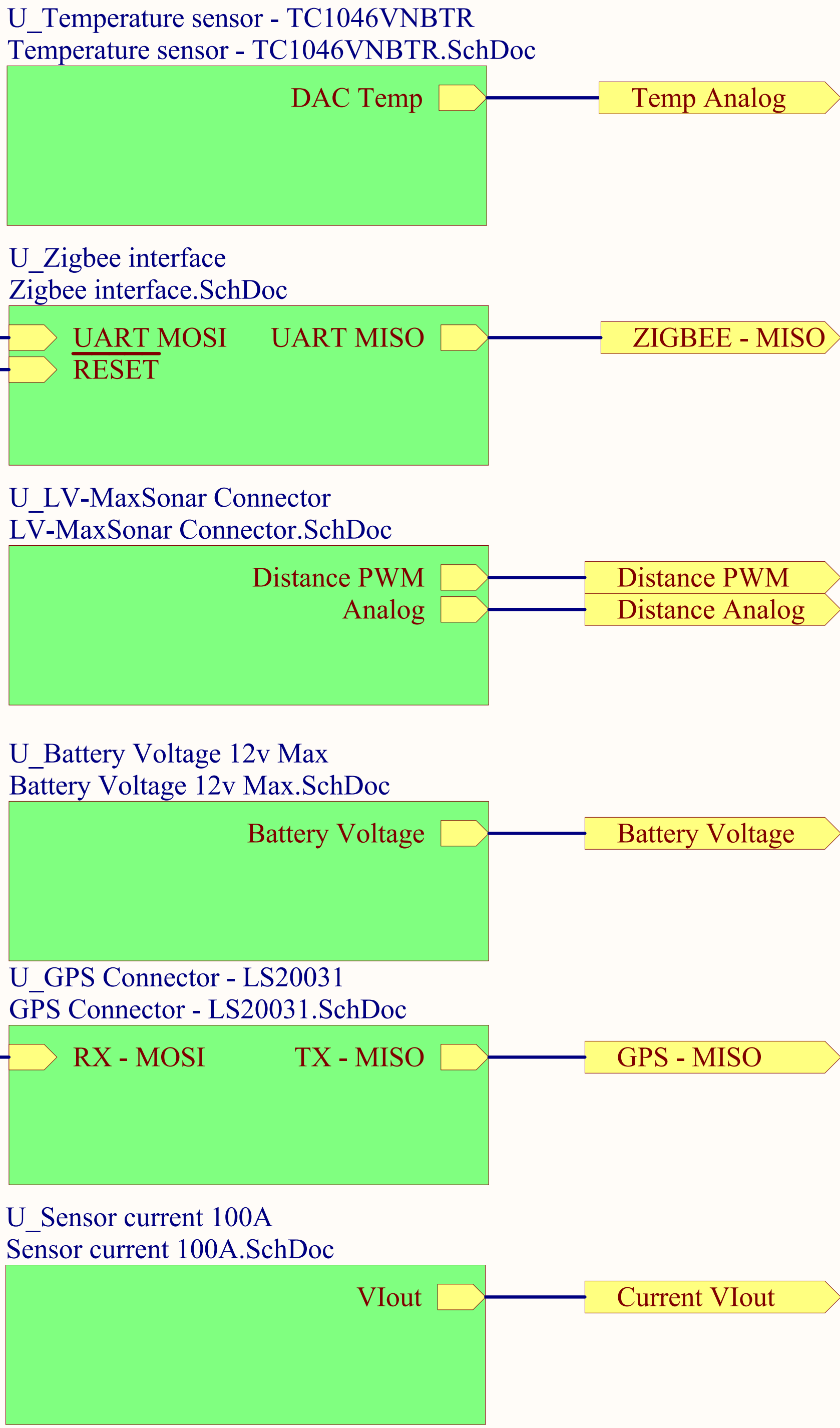
D

A

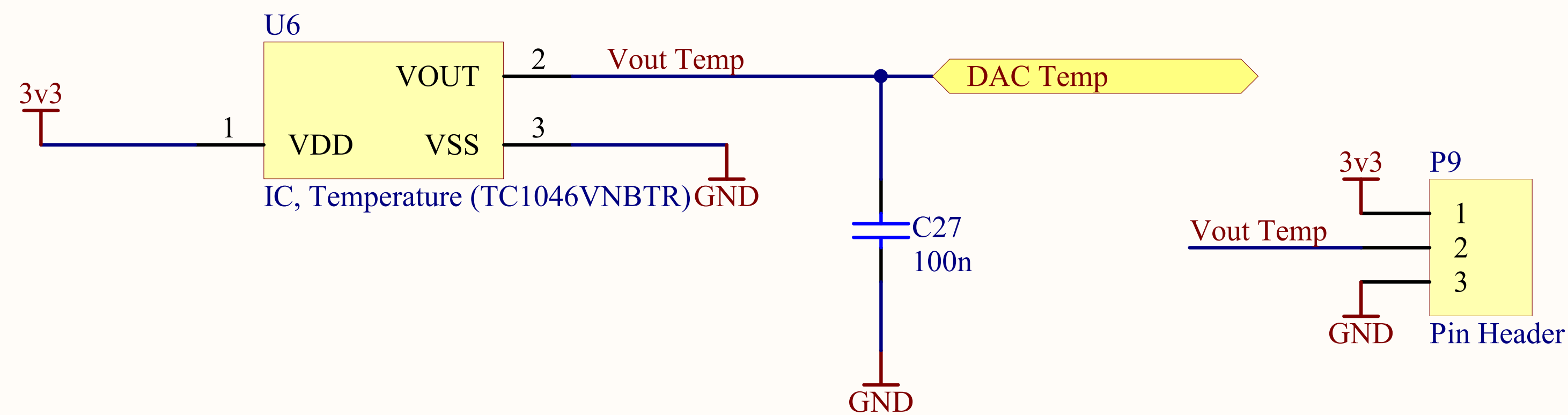
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C

D



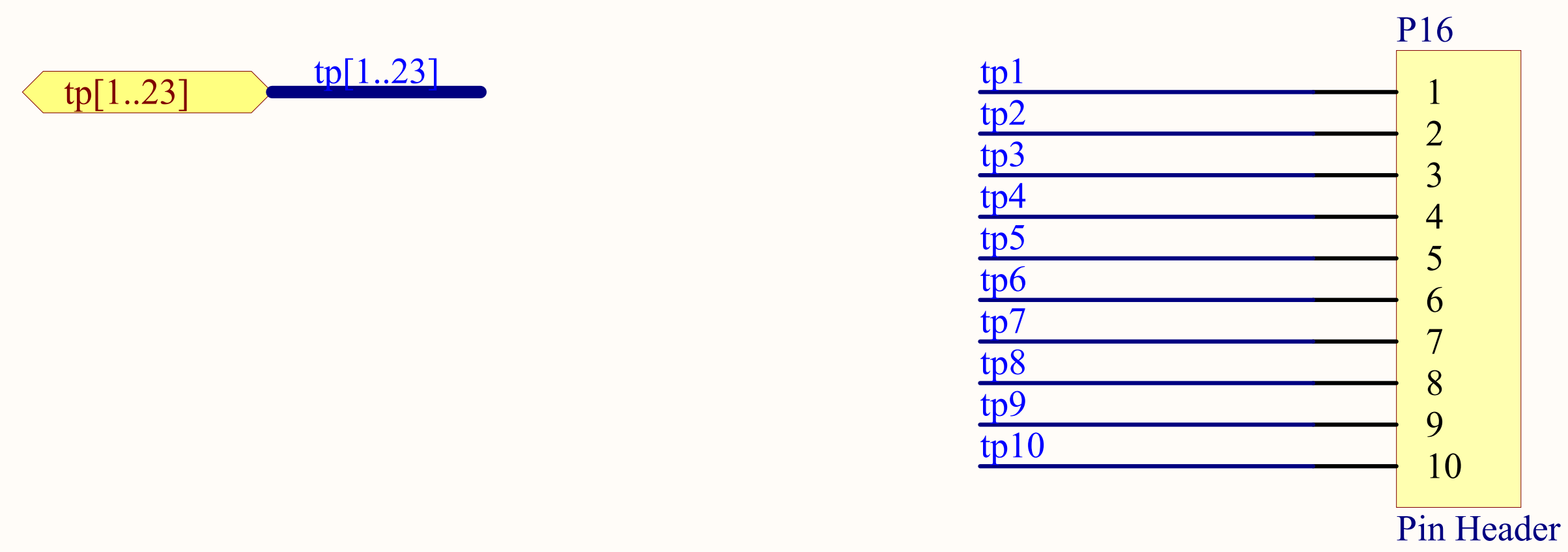
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Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 14:33:21	Sheet of		-	
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Subsheets combined.SchDoc				-	
			<a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>		



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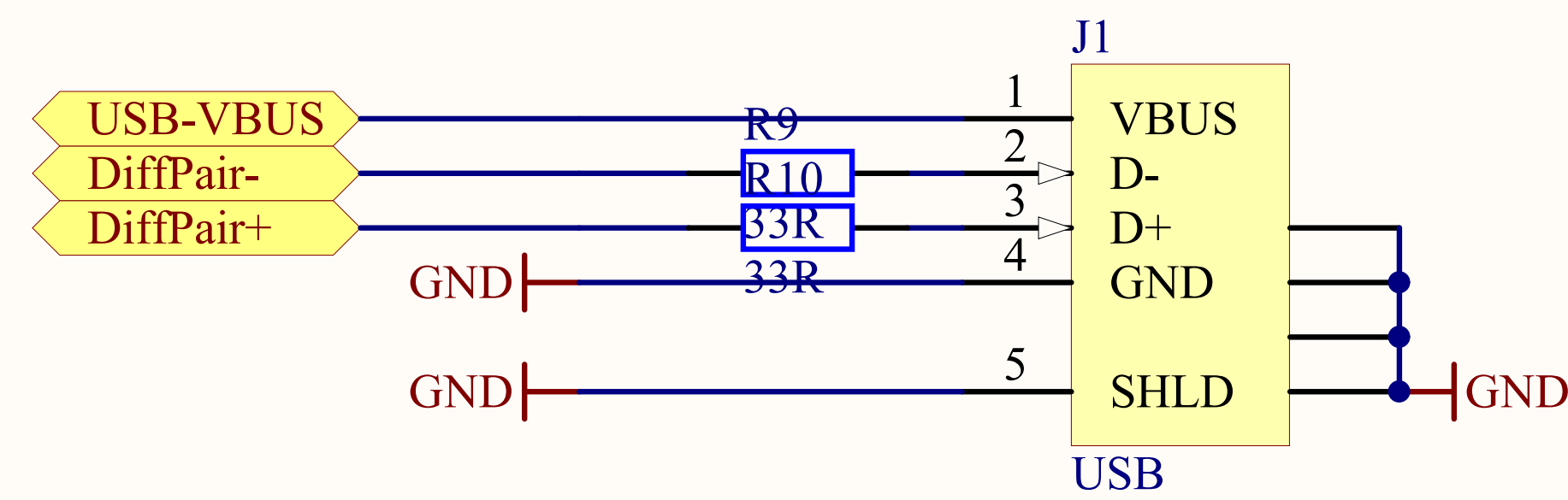
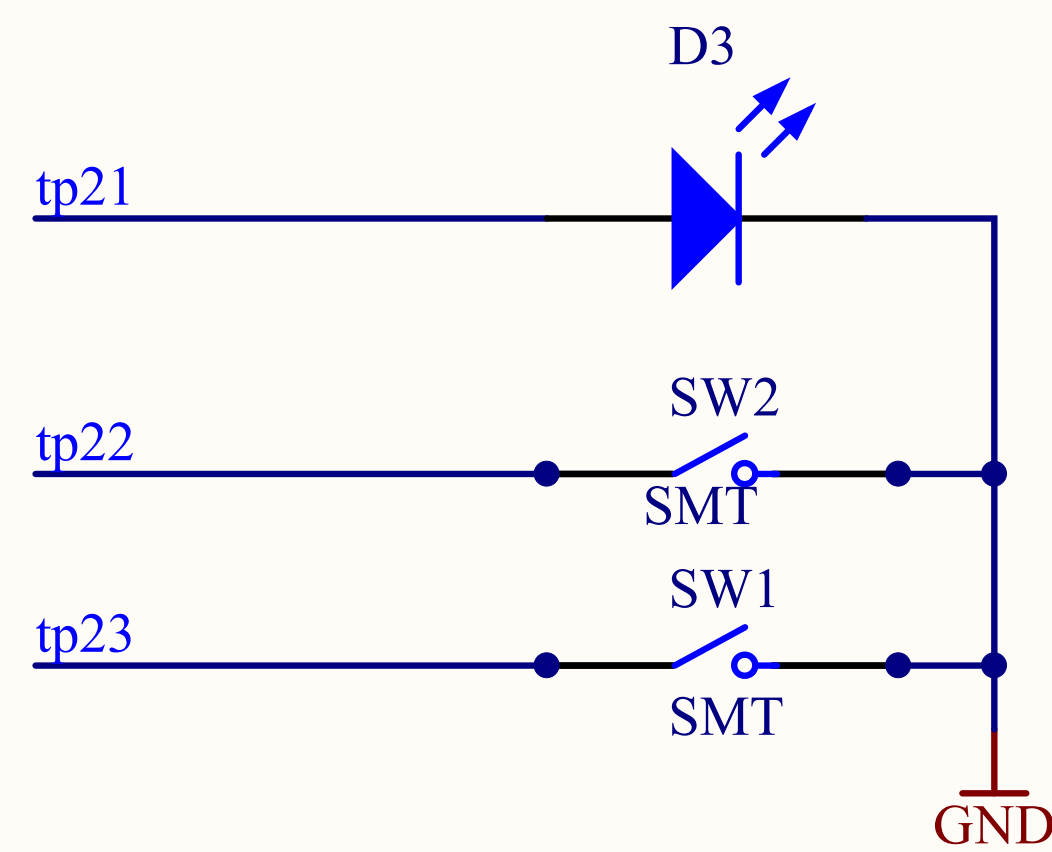
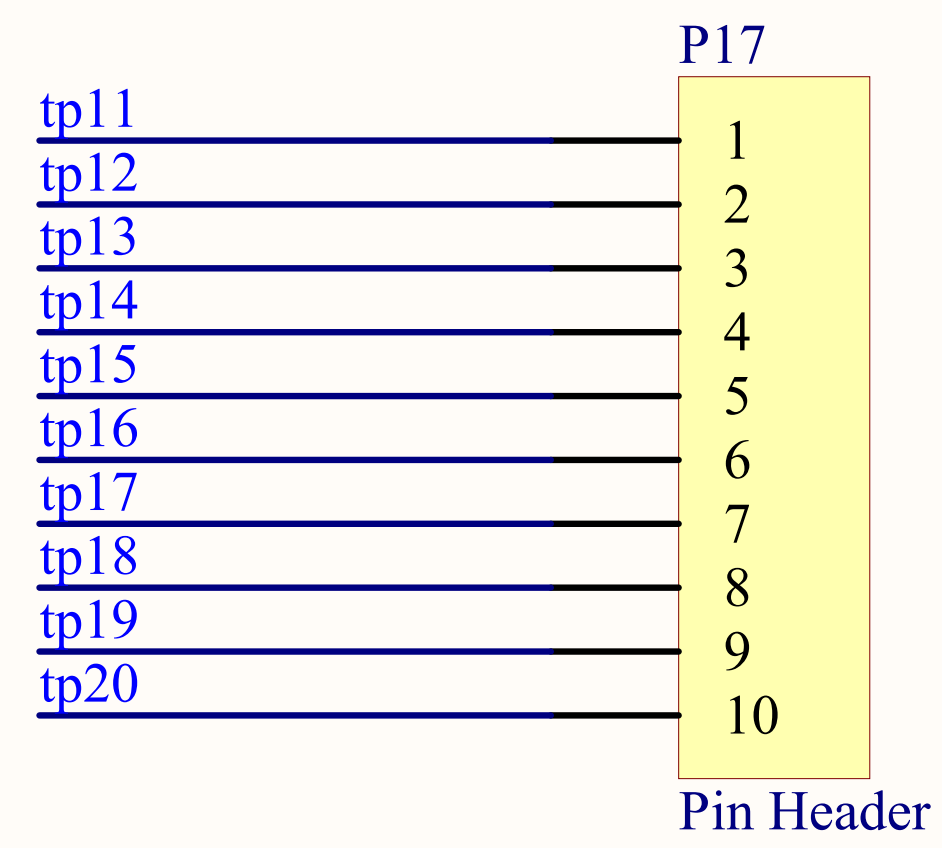
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Title <i>Temperature sensor - Analog out</i>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size: A4	Name: Ing. W. Pietersz	Revision:		-	
Date: 3-1-2011	Time: 14:33:21	Sheet of		-	<a href="mailto:WillyPietersz@gmail.com">WillyPietersz@gmail.com</a>
File: E:\USE SVN\Projecten\Hardware\keadrone\hardware\IMU V1\Temperature sensor - TC1046VNBTR.SchDoc					



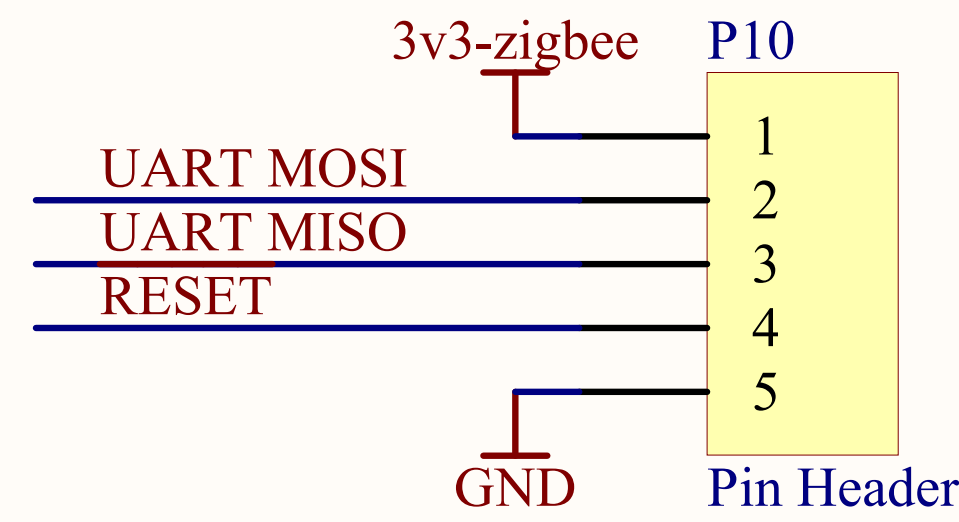
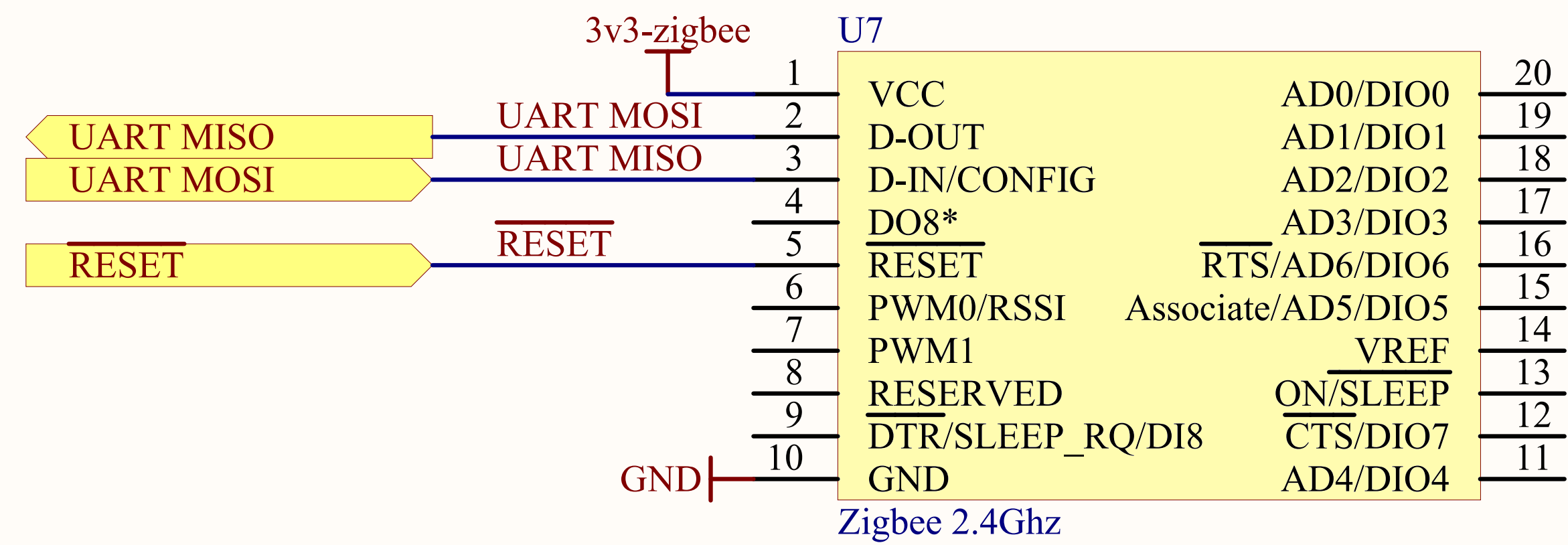
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Title	<b><i>Optional ext. IO</i></b>			Contact:	-	<a href="http://www.wnpd.nl">www.wnpd.nl</a>
Size:	A4	Name:	Ing. W. Pietersz	Revision:	-	
Date:	3-1-2011	Time:	14:33:21	Sheet of	-	
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Xbee pro can use up to 250mA

PSU 3v3-xBee  
Regulator 3v3-250mA MCP1702.SchDoc