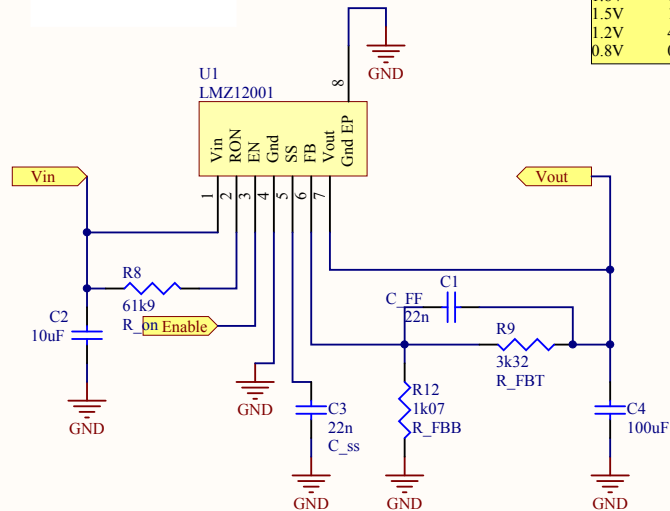
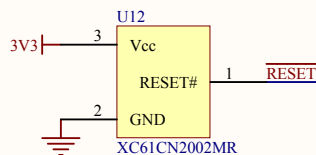
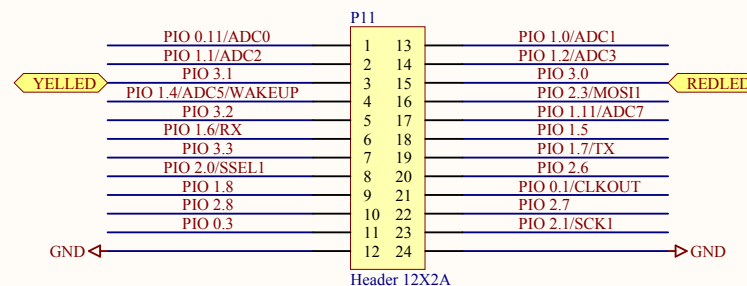
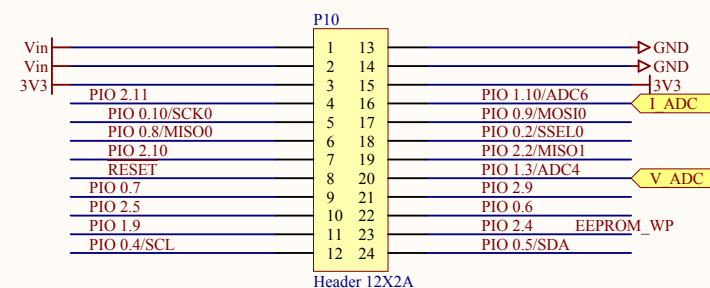
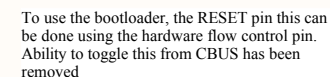
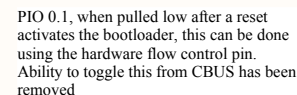
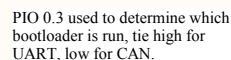
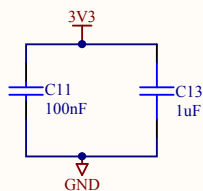


12V to 3.3V regulator

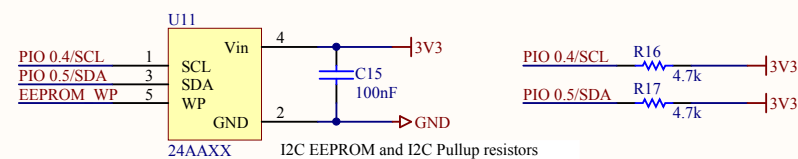
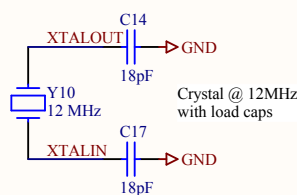


(Vout @ 1A) General Parameters				
V_out	R_FBT	R_FBB	R_on	V_in Range
5.0V	5.62k	1.07k	100k	7.5-->20V
3.3V	3.32k	1.07k	61.9k	6.0-->20V
2.5V	2.26k	1.07k	47.5k	5.5-->20V
1.8V	1.87k	1.50k	32.4k	4.5-->20V
1.5V	1.00k	1.13k	28.0k	4.5-->20V
1.2V	4.22k	8.45k	22.6k	4.5-->19V
0.8V	0	39.2k	24.9k	4.5-->18V

Title		
Size	Number	Revision
A4		
Date:	18/04/2013	Sheet of
File:	F:\Sync\...\LMZ12001SimplifiedGeneric.Sch	Download By:



Reset generator keeps chip off till the Vin rises high enough



Title			<i>UNSW Solar Racing Team</i> <i>Rm 109</i> <i>Electrical Engineering</i> <i>UNSW</i> <i>Sydney NSW 2052</i>	Cannot open file sunswift_logo.jpg
Size: A4	Number:	Revision:		
Date: 18/04/2013	Time: 8:41:13 PM	Sheet of		
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A

A

B

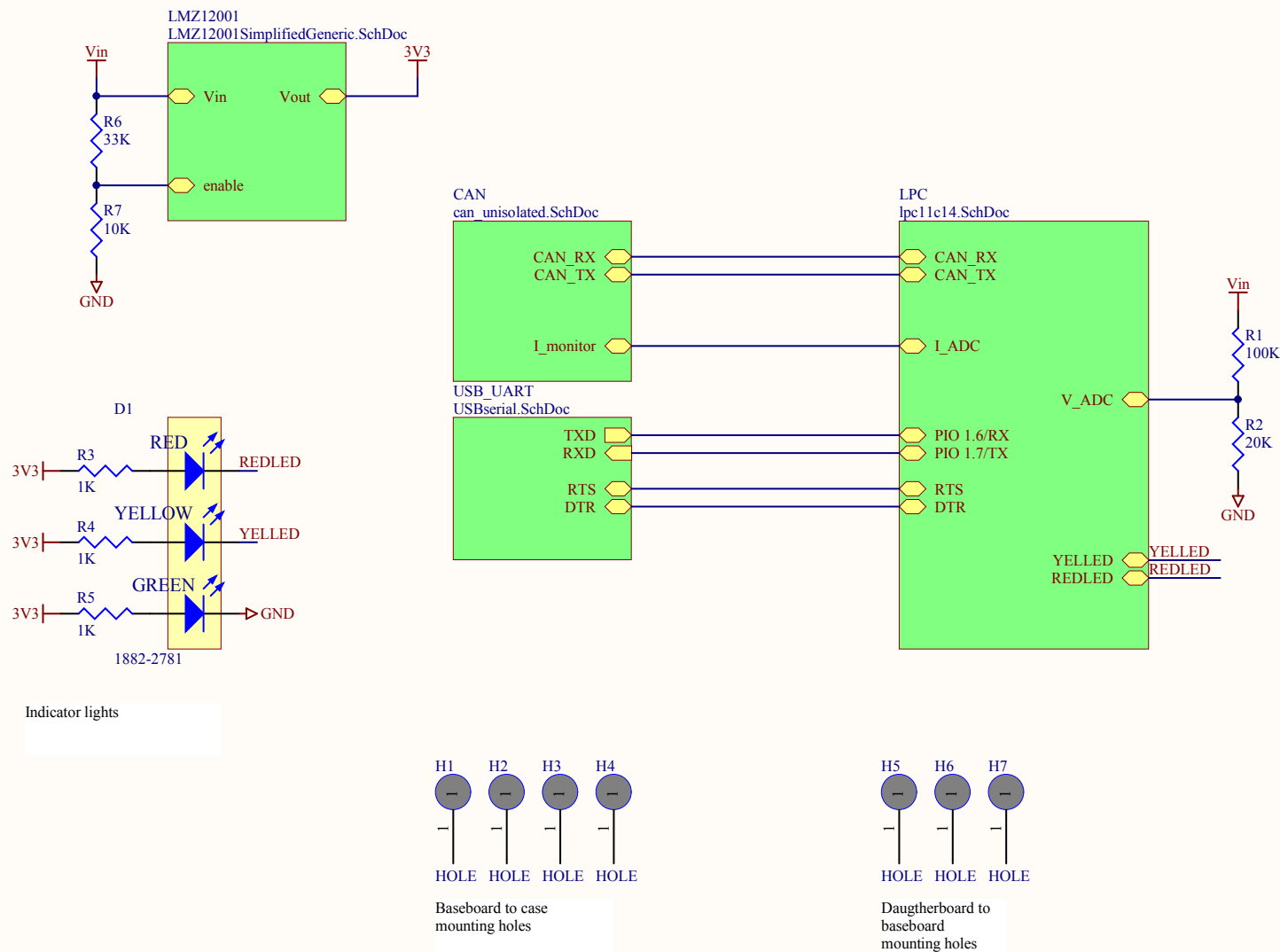
B

C

C

D

D



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2

3

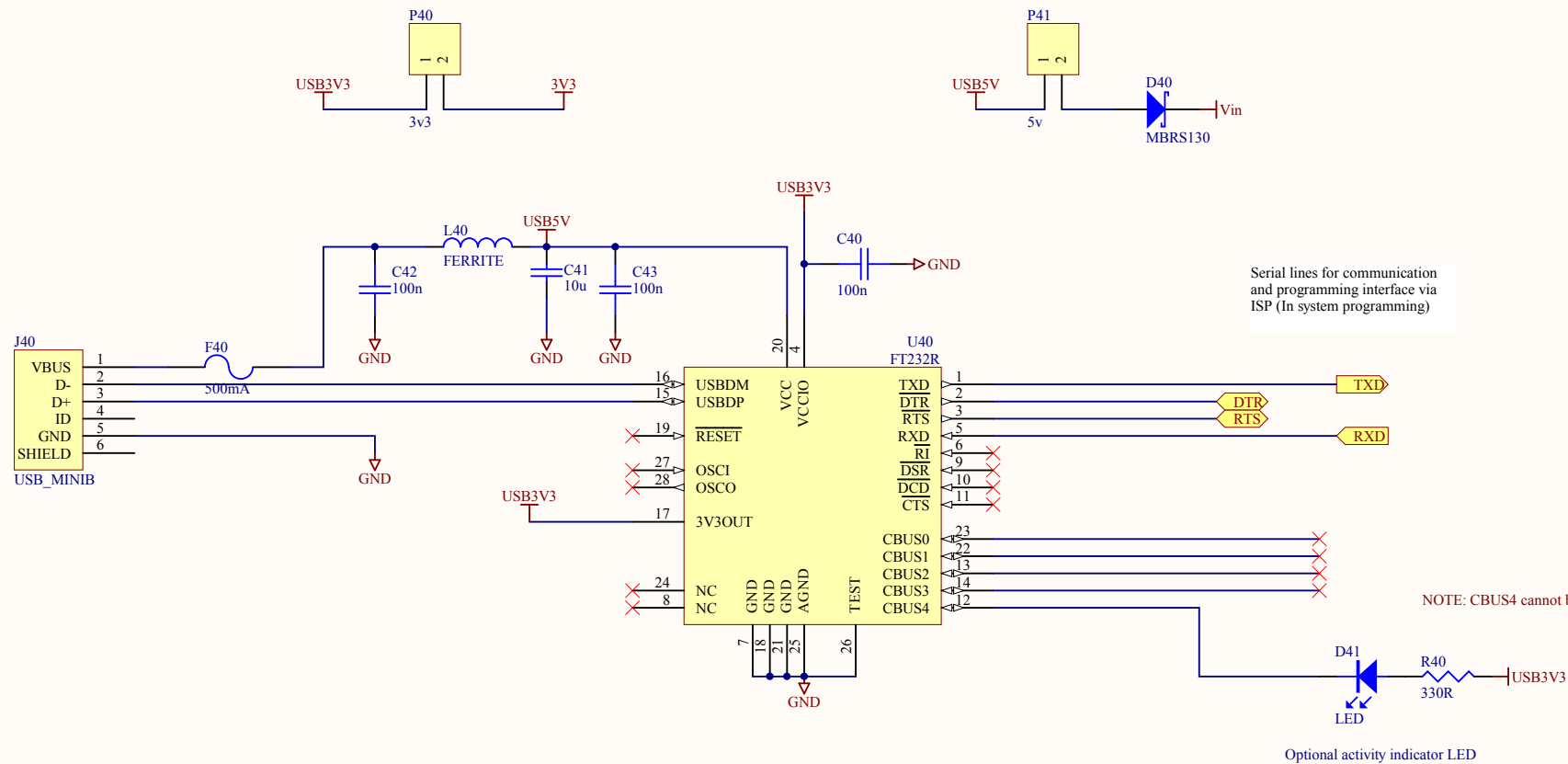
4

A

A

jumper header to power the
microcontroller from the FTDI supply

jumper header to enable
powering the node from USB



B

C

D

D

1

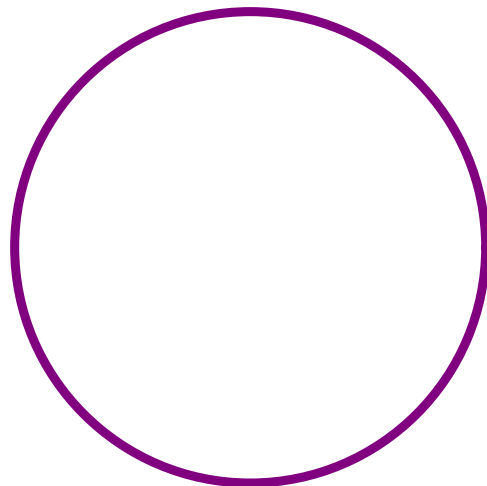
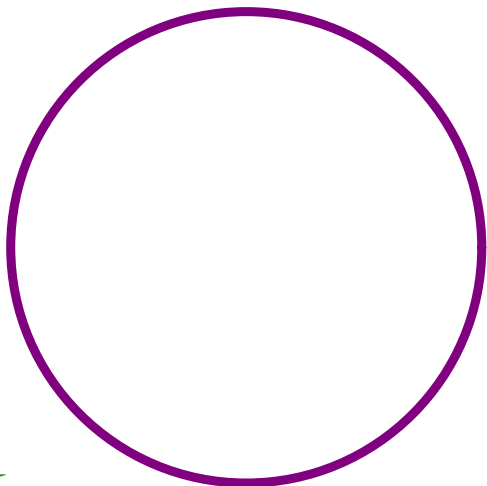
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POWER

sunswift

2U12 HAMMOND MFG 1293L