
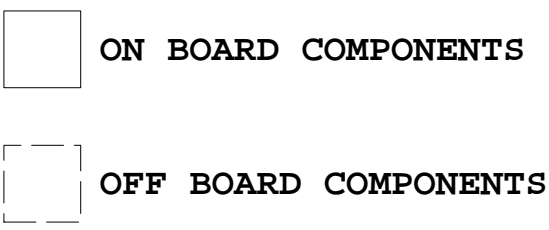
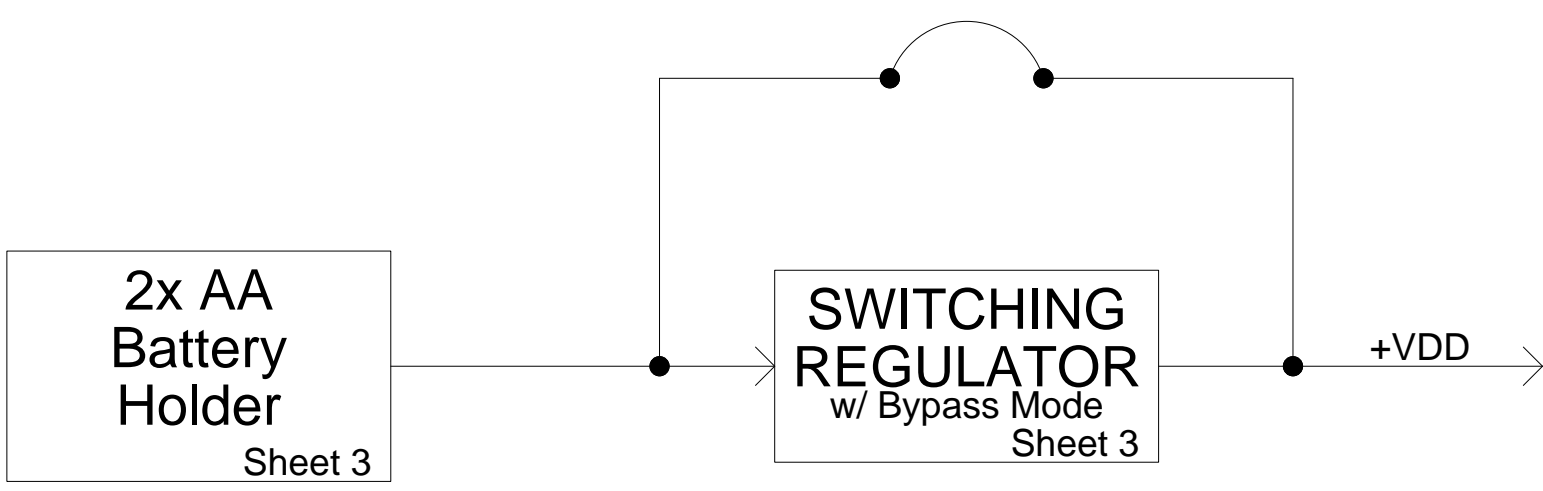
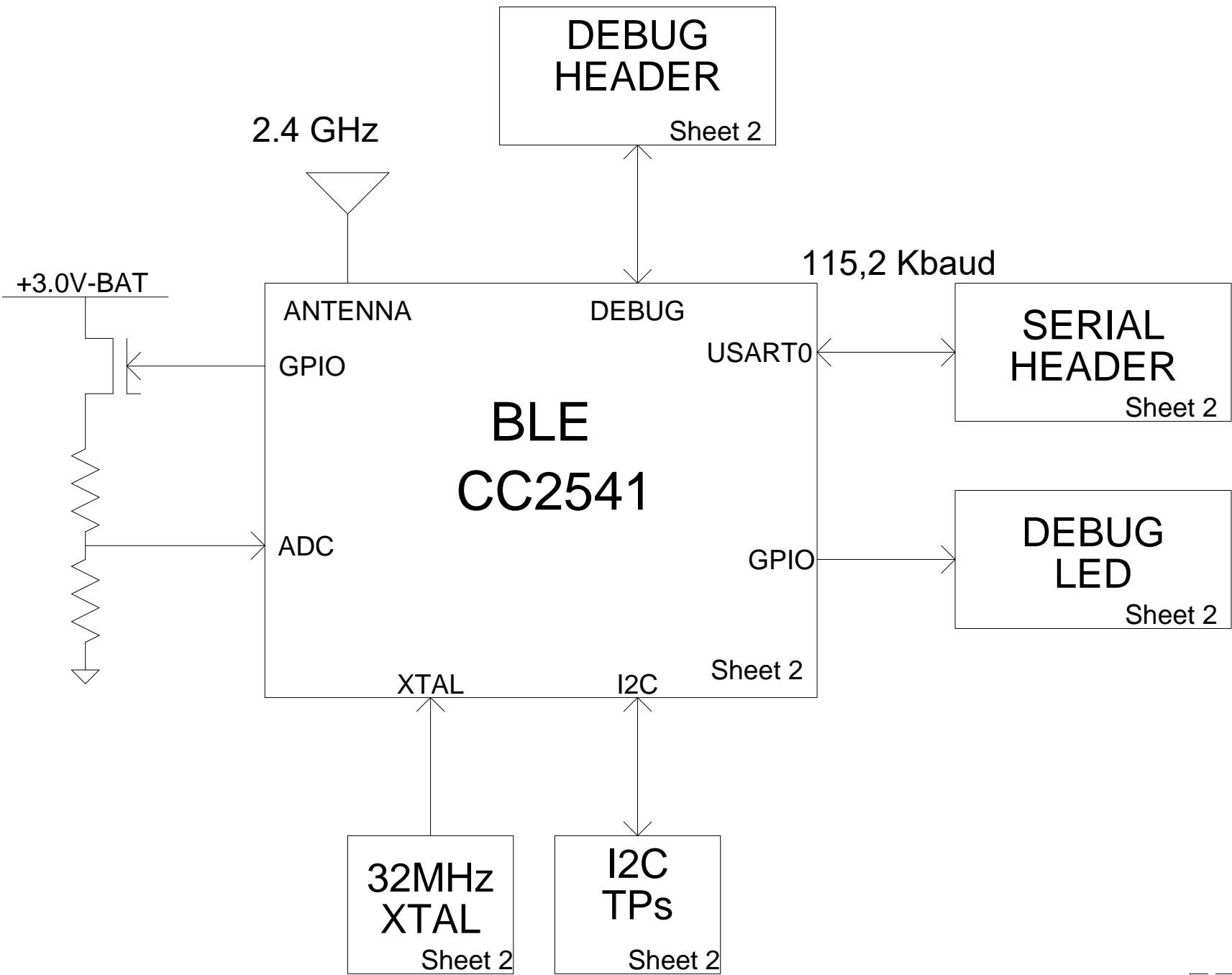


Revision History		
Rev.	Date	Description
2.0	2015.March.26	Initial Release
2.1	2015.March.27	Depopulated debug LEDs
2.2	2015.June.9	Populated 32kHz xtal circuit

NOTES

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Confidential and trade secret material of Outsite Networks, Inc.
1. The symbol  denotes components not (normally) inserted.
This component may be a contingency or for development only.



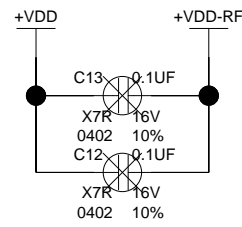
Block Diagram

PREPARED FOR:		BY:	
Outsite Networks, Inc 2551 Eltham Avenue, Ste. N Norfolk, VA 23513 https://www2.outsitenetworks.com/		Neoventus Design Group, LLC A 2350 Commonwealth Dr. Suite E Charlottesville, VA 22901 www.neoventus.com	
TITLE			
All Points Beacon 4 (APB4)			
SIZE	DWG NO	REV	
C	-	2.2	
SCALE	SHEET	1 of 3	20-10-2015_10:11

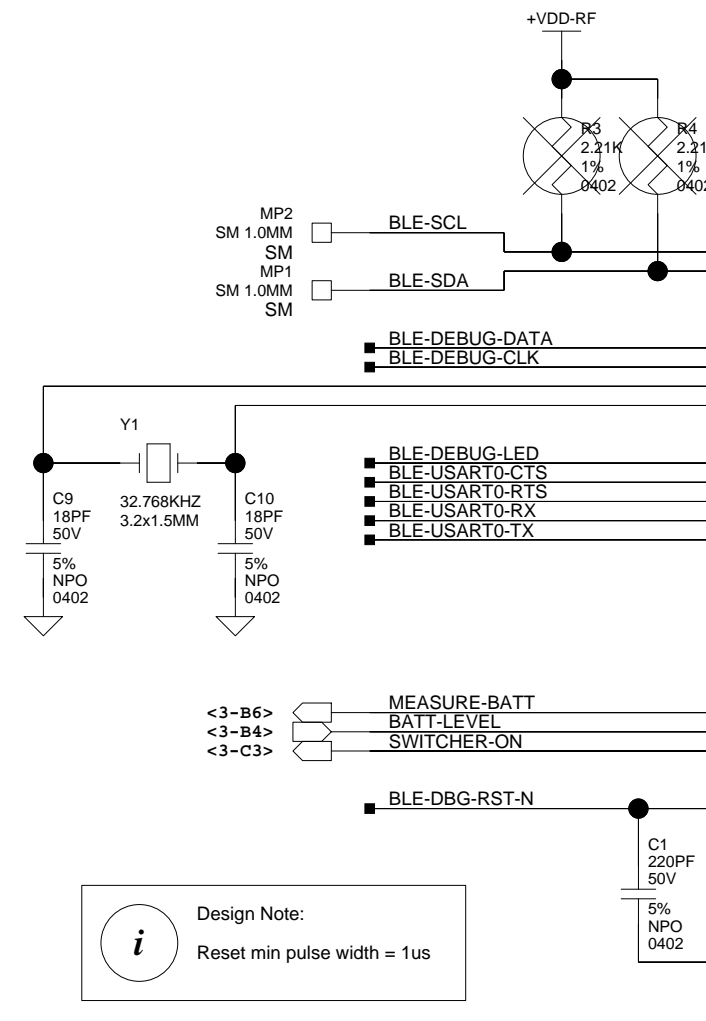
CONFIDENTIAL

DRAWN BY
NEOVENTUS DES. GRP.

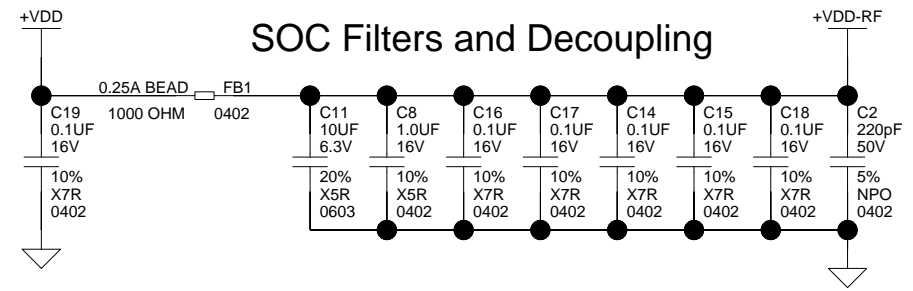
Design Note:
Stitching Capacitors
For Contingency Purposes
Do Not Insert



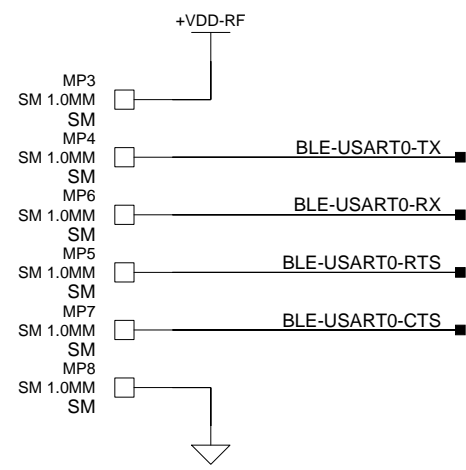
Design Note:
P1_0 & P1_1 have 20mA
drive capability



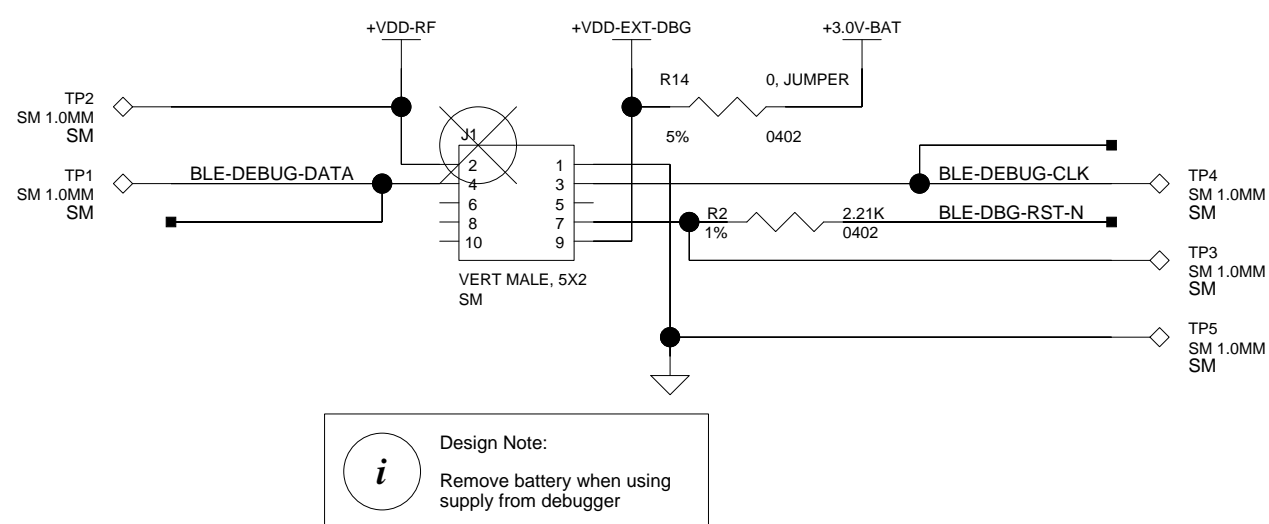
Design Note:
Reset min pulse width = 1us



BLE Serial Test Points

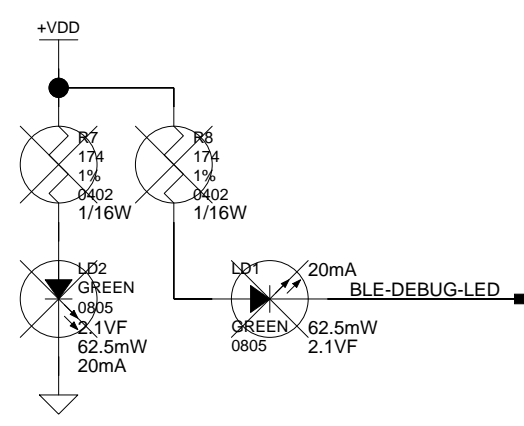


BLE Debug Header



Design Note:
Remove battery when using
supply from debugger

LEDs

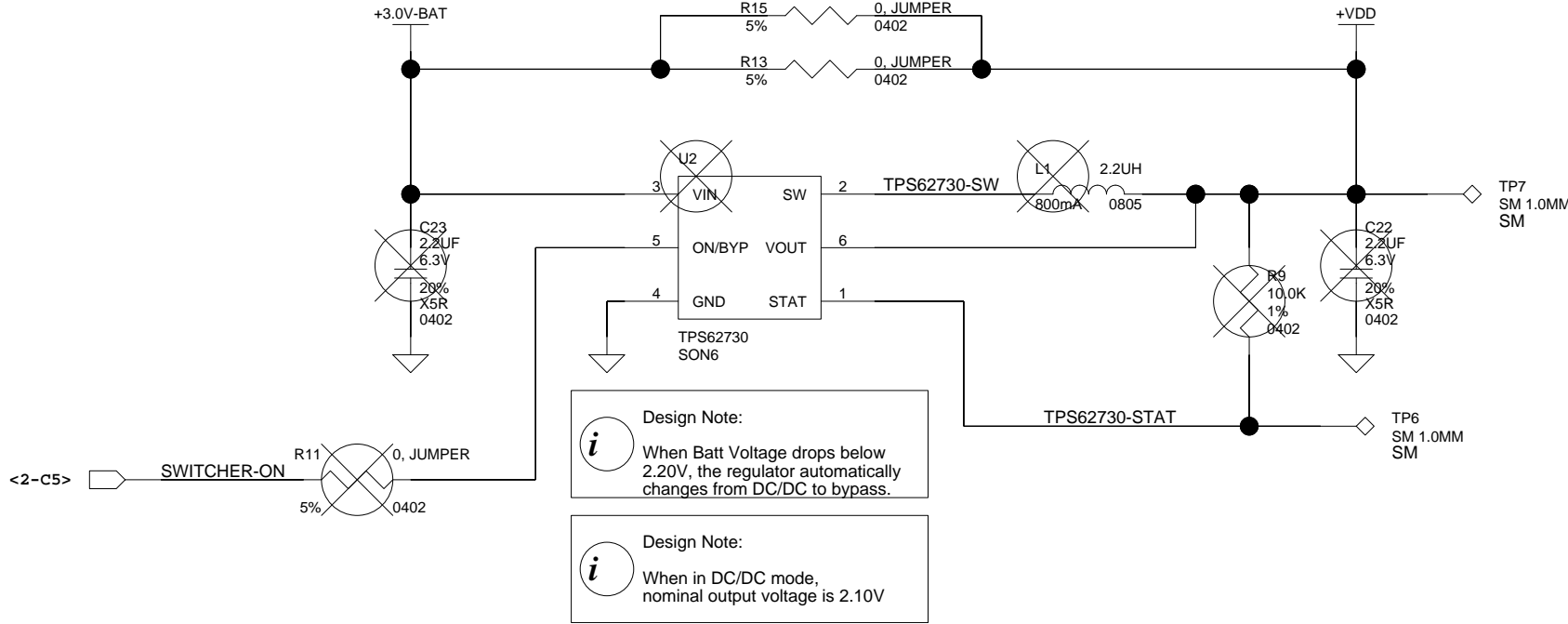
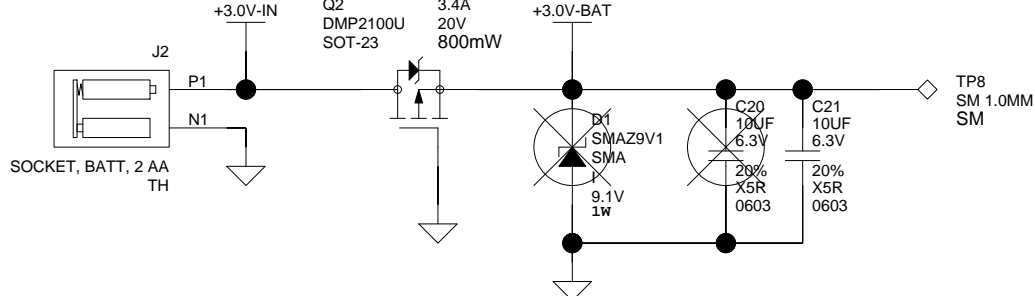


Bluetooth

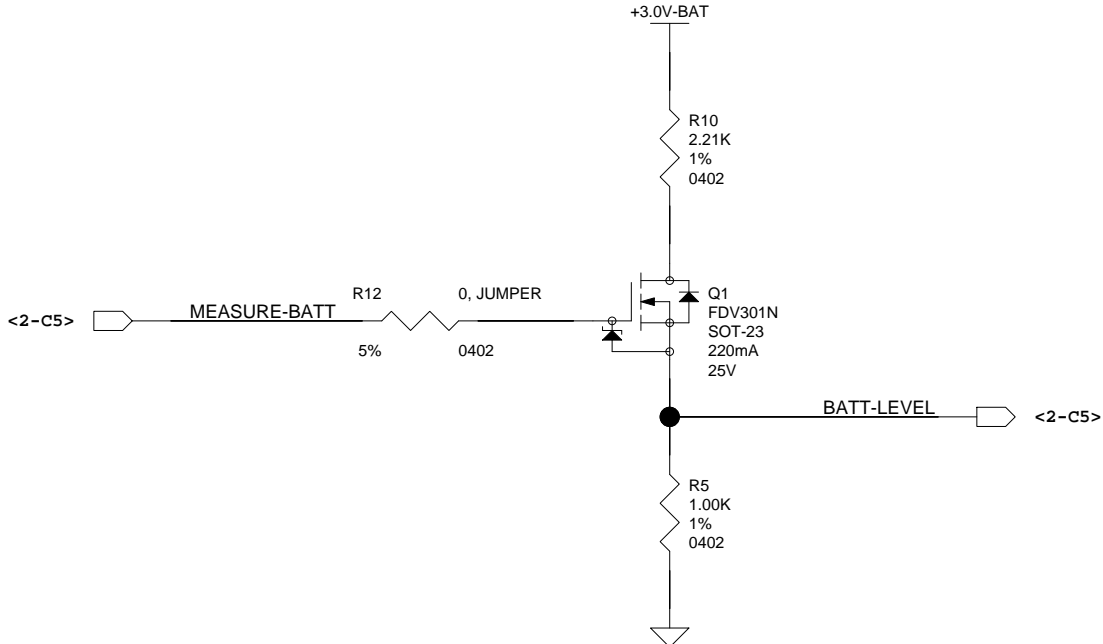
TITLE		All Points Beacon 4 (APB4)	
SIZE	DWG NO	SCALE	REV
C	-	2 of 3	2.2
DRAWN BY		20-10-2015_10:11	
NEOVENTUS DES. GRP.			

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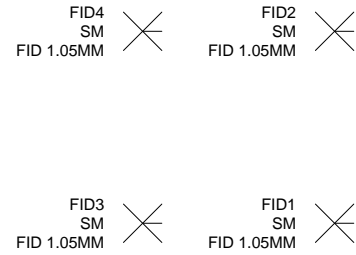
Switching Regulator



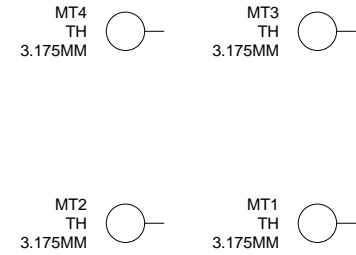
Battery Monitor



Fiducials



Mechanical



POWER

All Points Beacon 4 (APB4)

TITLE			
All Points Beacon 4 (APB4)			
SIZE	DWG NO	REV	
C	-	2.2	

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SCALE	SHEET	3 of 3
RP.		

SHEET 3 of

20-10-2015_10:11

REV
2.2