

COVER PAGE

PROJECT HIGH ALTITUDE BALLOON

5/21/2020

SCH. REV: 01

PCB REV: 01


PRELIMINARY

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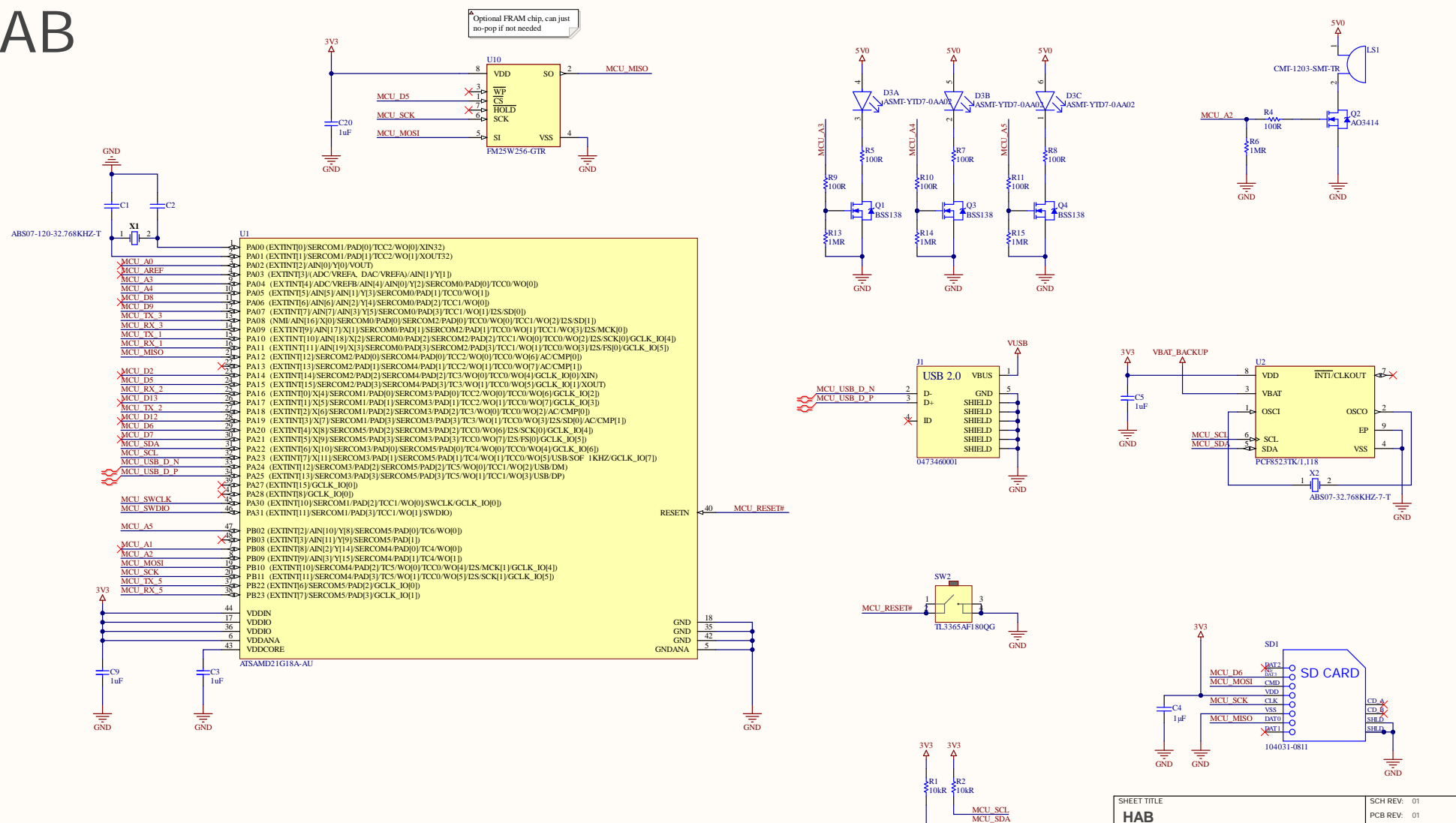
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VARIANT: ORIGINAL


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SHEET TITLE COVER PAGE		SCH REV: 01 PCB REV: 01 DATE: 10/18/2019
PROJECT NAME HIGH ALTITUDE BALLOON		DRAWN BY  MULE LABS, LLC www.mulelabs.com
CONTACT		
SIZE: B	DO NOT SCALE DRAWING SHEET 1 OF 4	

HAB



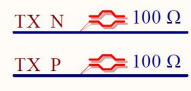
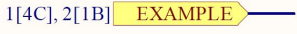

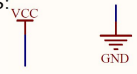


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HELPFUL INFO

CONVENTIONS USED

LABELING: SHEET TITLE <i>General Label</i> Specific Label	DESIGN NOTES: <div>DESIGN NOTE: Example text for informational design notes.</div> <div>DESIGN NOTE: Example text for critical design notes.</div> <div>DESIGN NOTE: Example text for cautionary design notes.</div> <div>LAYOUT NOTE: Example text for critical layout guidelines.</div>	
SCHEMATIC STATUS: DRAFT: Very early stage of schematic, ignore details. PRELIMINARY: Nearing completion but has not been checked. CHECKED: Schematic has been checked by another engineer and there should be no mistakes. RELEASED: A board with this schematic has been sent to production.		
'NOT PLACED' COMPONENTS:  Components that are to remain on the fabricated PCB but to not be included on the BOM or Assembly drawing are marked as "NP" for "not placed".	NET CLASS:  Related nets are categorized together using the NET CLASS directive. Net classes will be grouped using the 'blanket' directive.	DIFF PAIRS:  Differential pairs have pins/net names that end in "_N" and "_P". The 'Differential Pair' directive is used, along with a net class specifying the differential impedance, to denote differential pairs on the
PORTS:  Ports are used as a means for carrying a signal off onto another schematic sheet. The port will always contain information regarding what sheet it is coming from (going to in the form of PAGE#[QUADRANT]). If the port goes to multiple sheets, all sheet numbers/quadrants will be displayed next to the port.	NET LABELS:  Net labels are used to assign human readable names to nets. Net labels can carry off sheet, but should be accompanied with a 'port' symbol if the net leaves the sheet.	GLOBALS:  Global symbols/labels are used for power and reference planes. These symbols span across every schematic sheet in the project.

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SIZE: B	DO NOT SCALE DRAWING SHEET 3 OF 4	

REVISION HISTORY


SCH. REV. NOTES

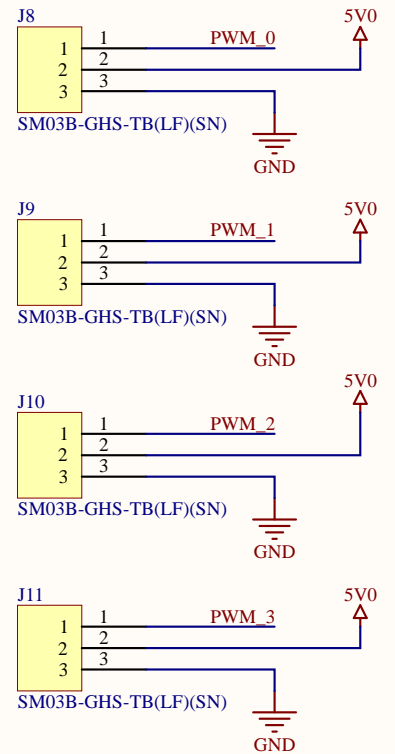
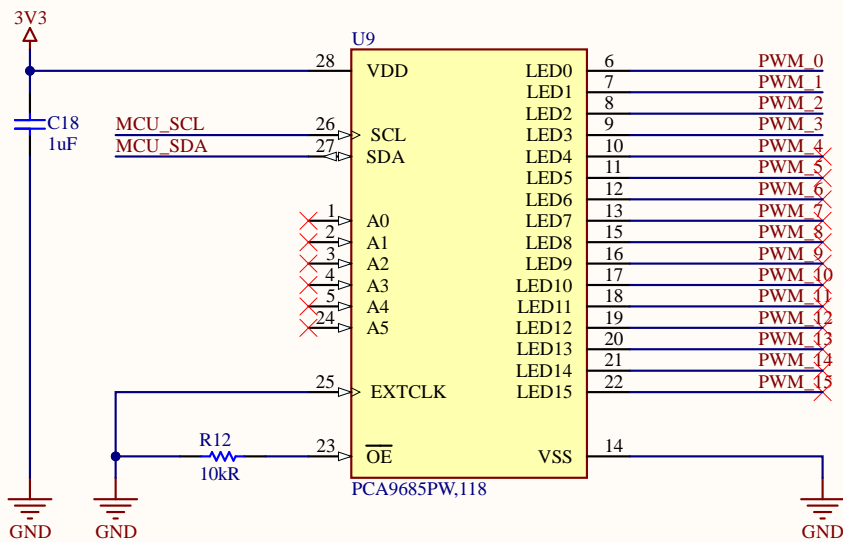
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PCB REV. NOTES

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SHEET TITLE REVISION HISTORY		SCH REV: 01 PCB REV: 01 DATE: 10/18/2019
PROJECT NAME HIGH ALTITUDE BALLOON		DRAWN BY  MULE LABS, LLC www.mule-labs.com
CONTACT		
SIZE: B	DO NOT SCALE DRAWING SHEET 4 OF 4	



Title		
Size	Number	Revision
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A

A

B

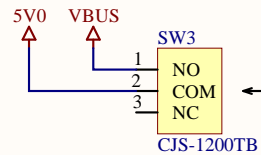
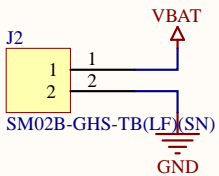
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C

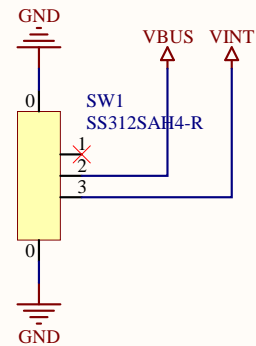
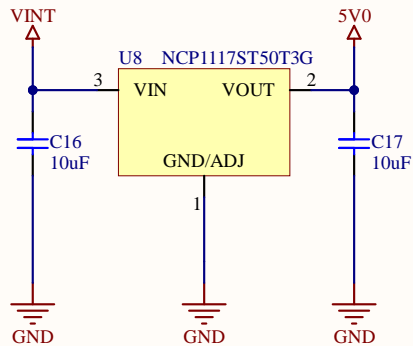
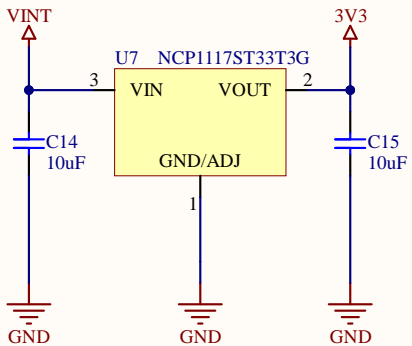
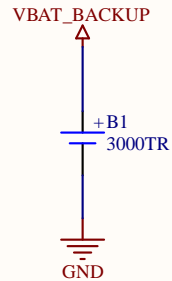
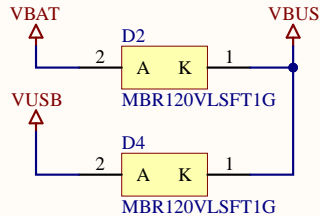
C

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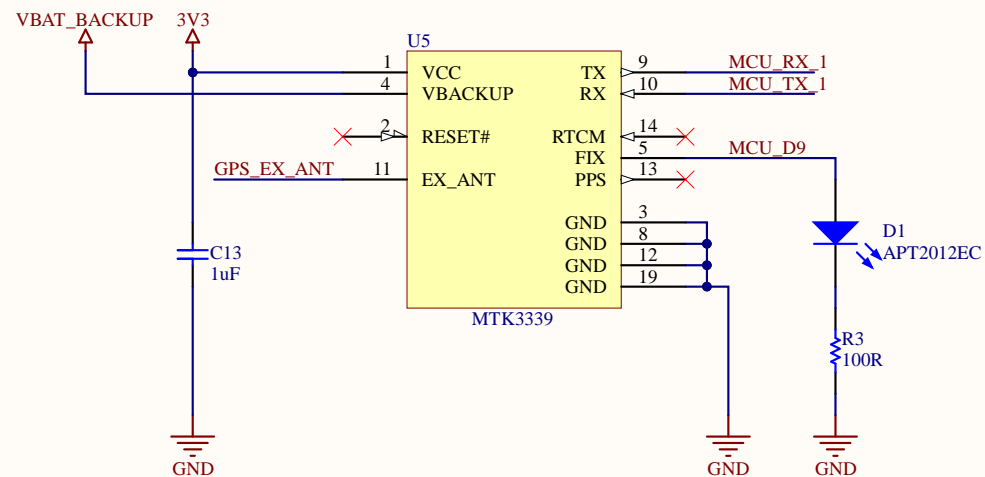
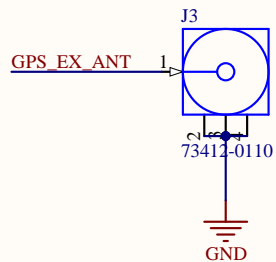
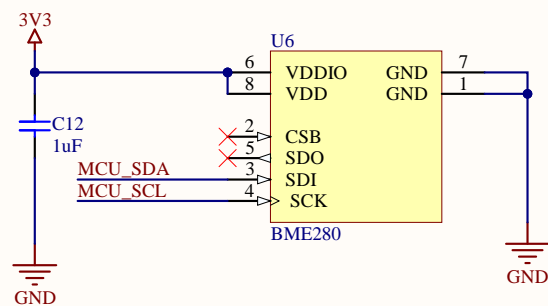
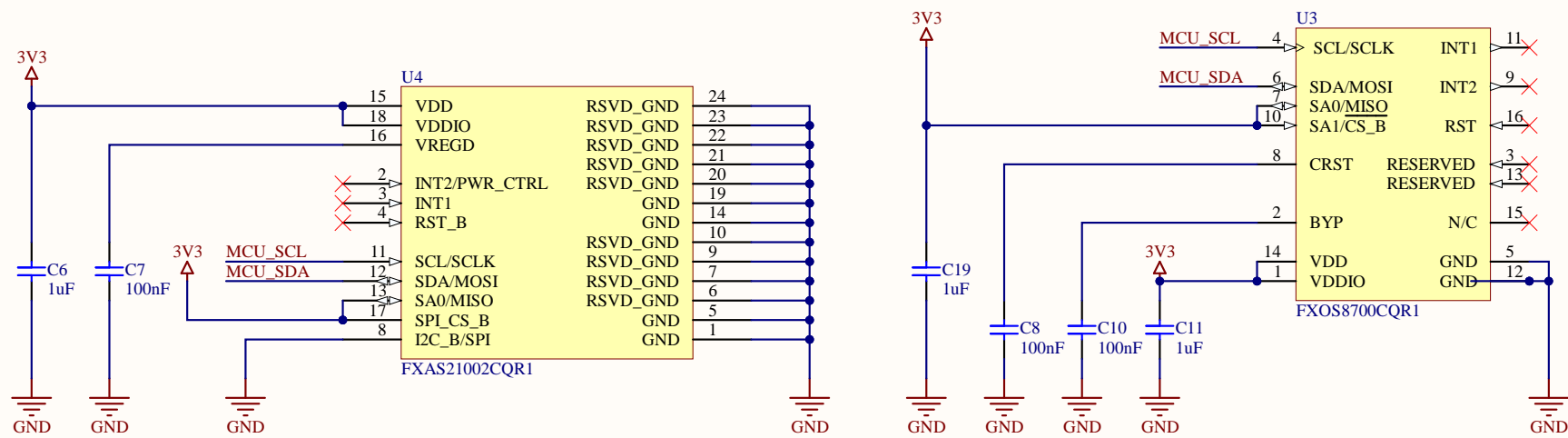
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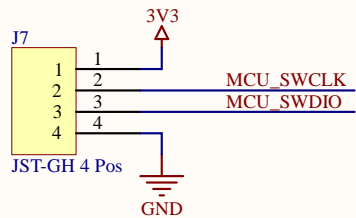
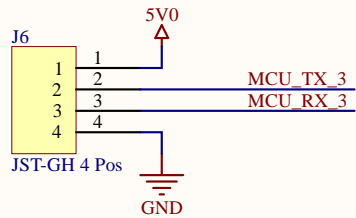
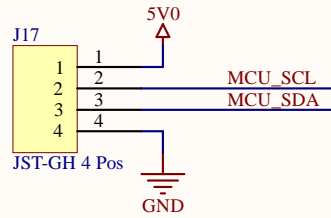
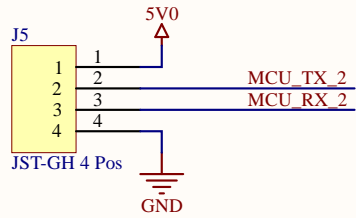
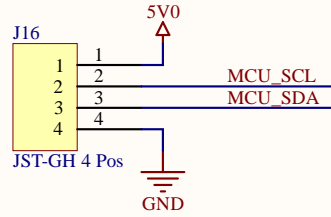
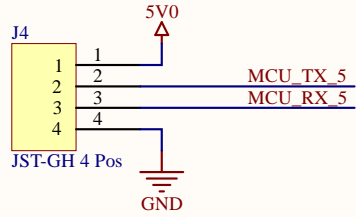
Switch allows to short 5V0 and VBUS, this is to power 5V0 when USB is connected.
NEVER ENABLE WITH BATTERY IN



Title		
Size	Number	Revision
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File:	C:\Users\...\[04] POWER.SchDoc	Drawn By:



Title		
Size A	Number	Revision
Date:	5/21/2020	Sheet of
File:	C:\Users\...\[05] SENSORS.SchDoc	Drawn By:



Title		
Size	Number	Revision
A		
Date:	5/21/2020	Sheet of
File:	C:\Users\...\[06] Connectors.SchDoc	Drawn By: