


ARK Flow

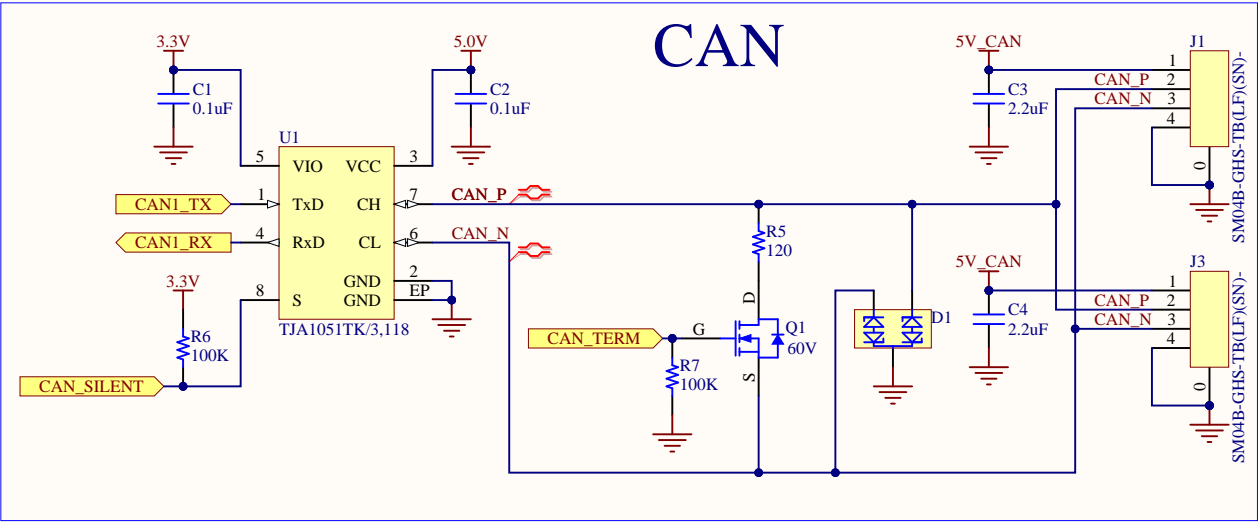
Optical Flow CAN Node

Revision History
Rev 1.0 - Initial release

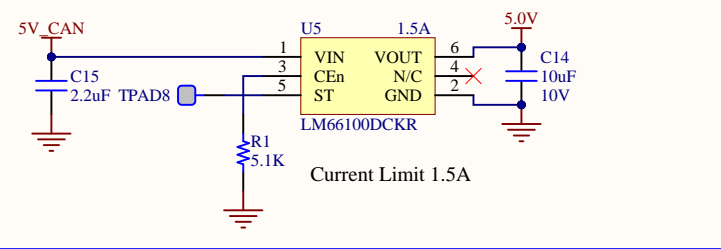


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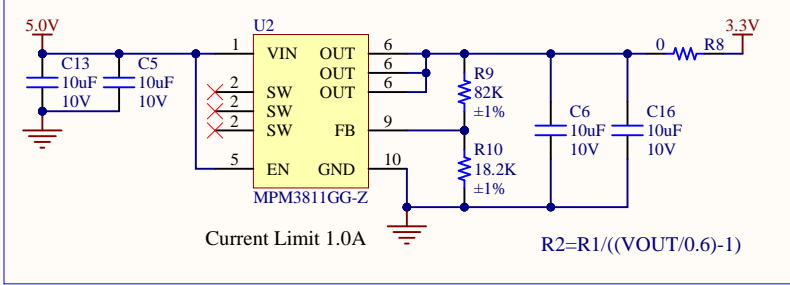
Page Title: Cover Sheet		Drawn By: Alex Klimaj	
Project Title: ARK Flow		Checked By: *	
Date: 12/22/2020	Time: 9:48:32 PM	Size: LEGAL	Sheet 1 of 3



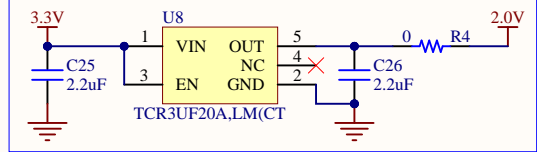
Reverse Polarity Protection




3.3V Regulator



2.0V Regulator

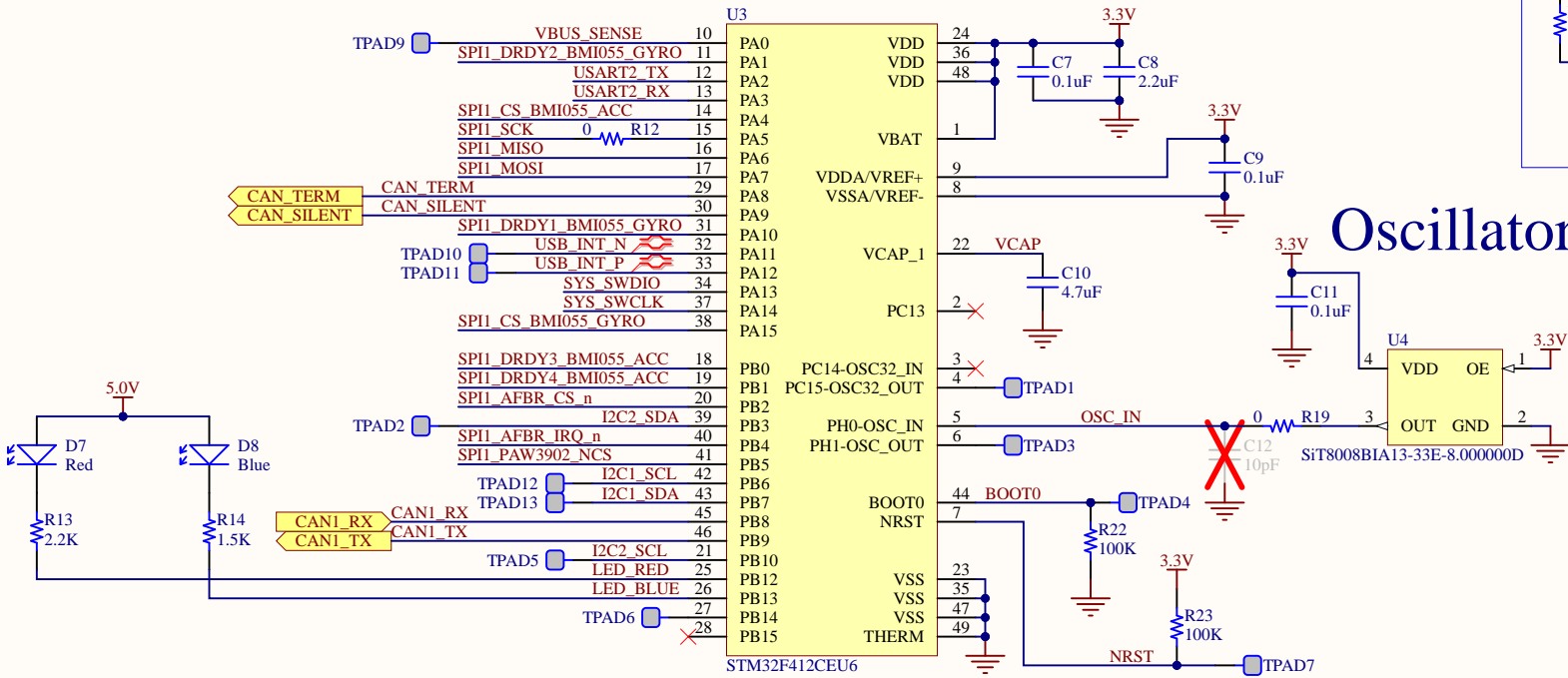




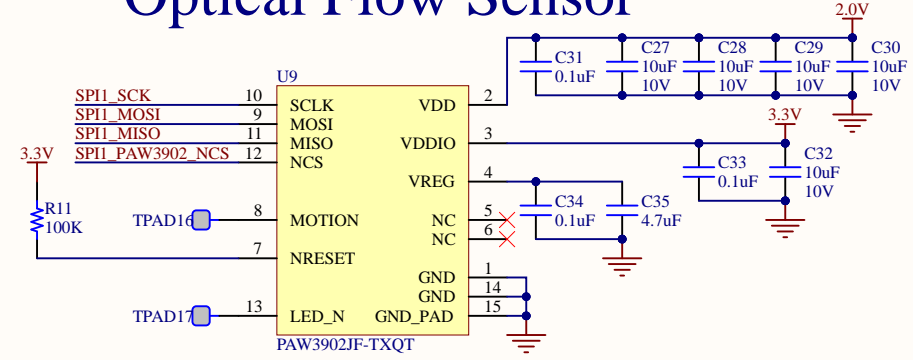
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Page Title: External Interfaces Power		Drawn By: Alex Klimaj	
Project Title: ARK Flow		Checked By: *	
Date: 12/22/2020	Time: 9:48:33 PM	Revision: 1.0	Variant: Production
Size: LEGAL		Sheet 2 of 3	

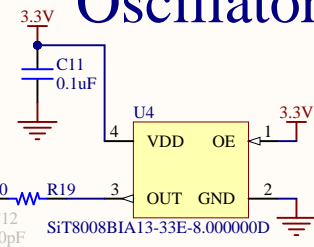
MCU



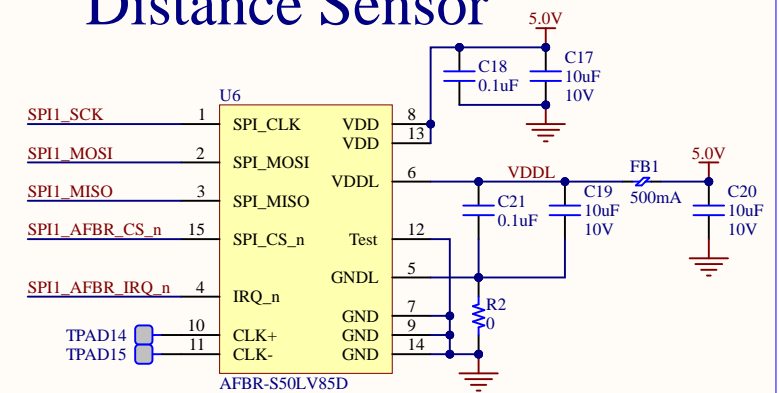
Optical Flow Sensor



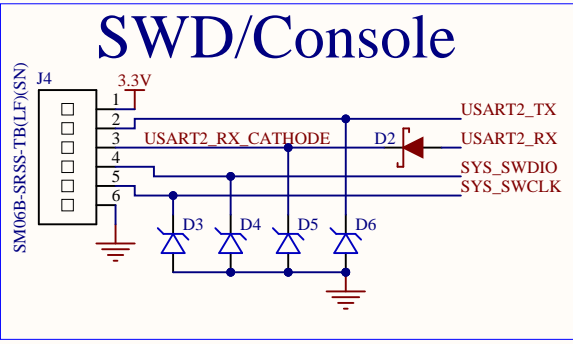
Oscillator



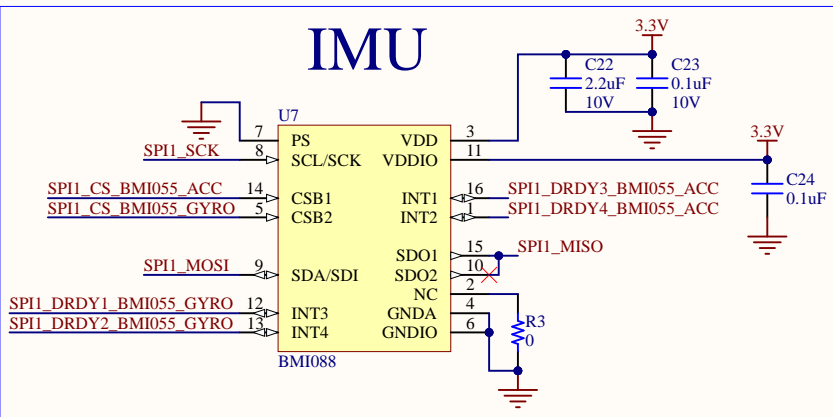
Distance Sensor




SWD/Console



IMU





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Page Title: Microcontroller		Drawn By: Alex Klimaj	
Project Title: ARK Flow		Checked By: *	
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Size: LEGAL		Sheet 3 of 3	