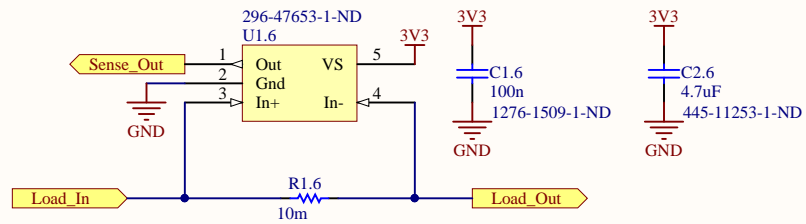
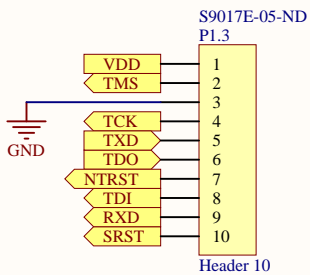


Title			
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Date:	6/26/2019		Sheet of
File:	C:\Users\...\3u.SchDoc		Drawn By:

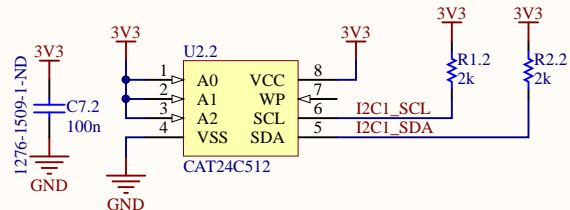
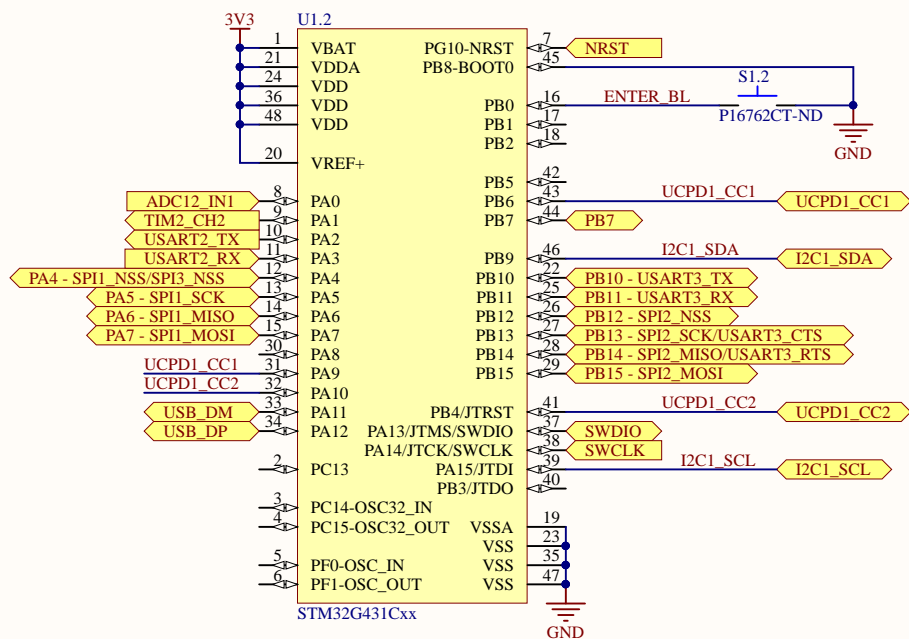
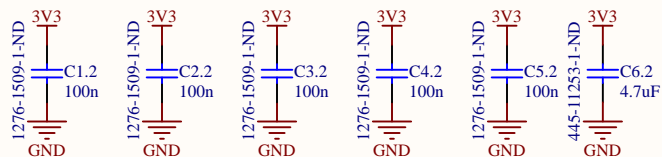


gain 50V/V
max output 3.27V
max current 4.8A
 $(4.8 \text{ amps}) \cdot (10 \text{ milliohms}) \cdot 50 = 2.4\text{V}$

Title			
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File:	C:\Users\...\jtag.SchDoc	Drawn By:	



- reset + bootloader button. can be a small RA momentary on the board edge for a paperclip.
- enumerates as a mass storage; firmware.bin and config.json or whatever. this is how configurations are changed.
- large flash chip to hold configurations and peripheral firmwares? - CAT24C512
- configuration memory holds dependency injection specifications
- could use some i2c something on the kb itself for configuration autodetection

Title		
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File:	C:\Users\...\microcontroller.SchDoc	Drawn By:

