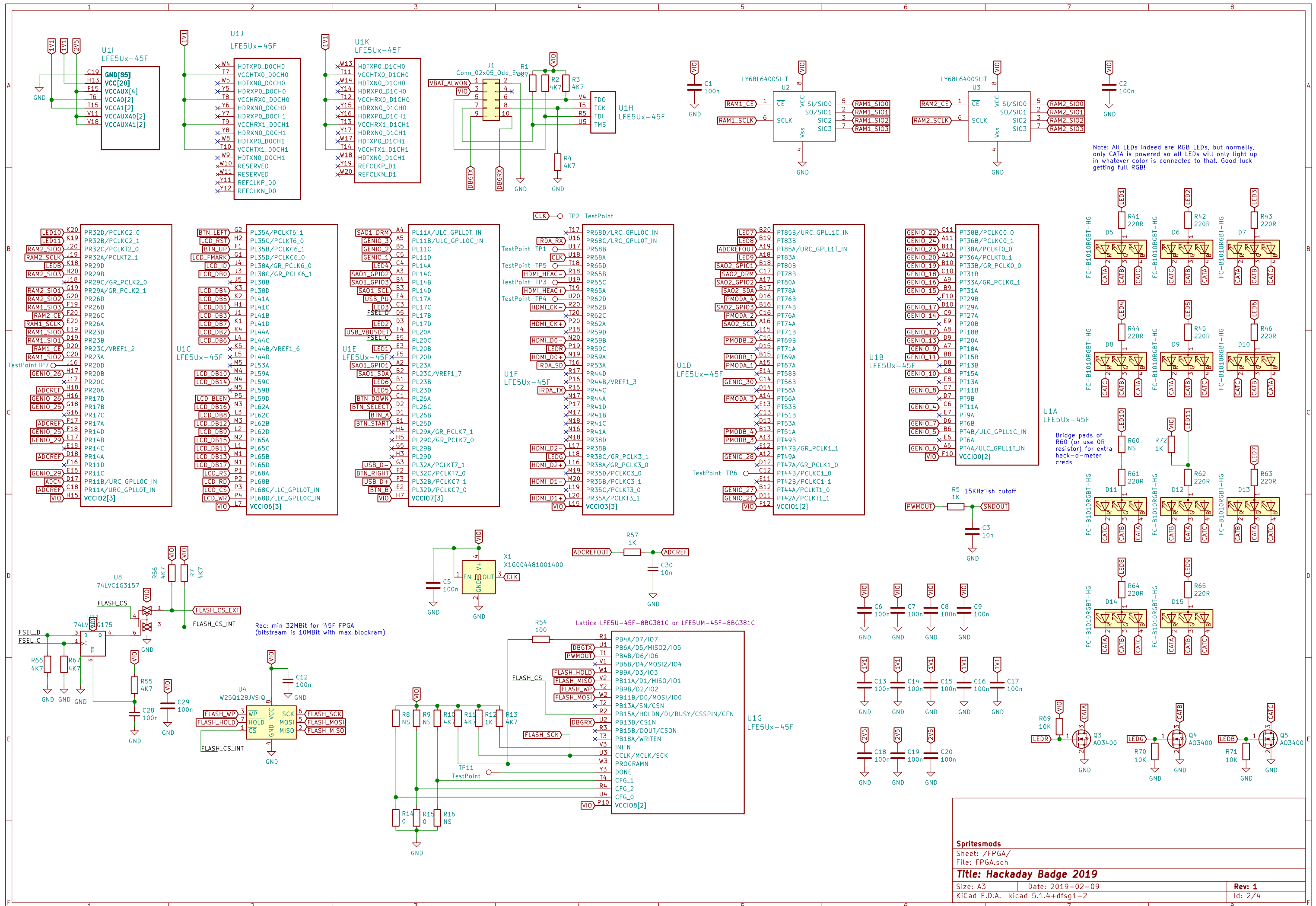


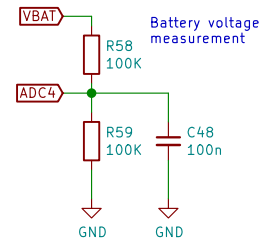
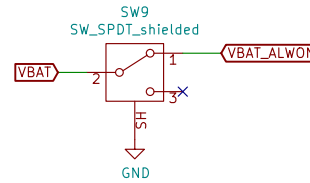
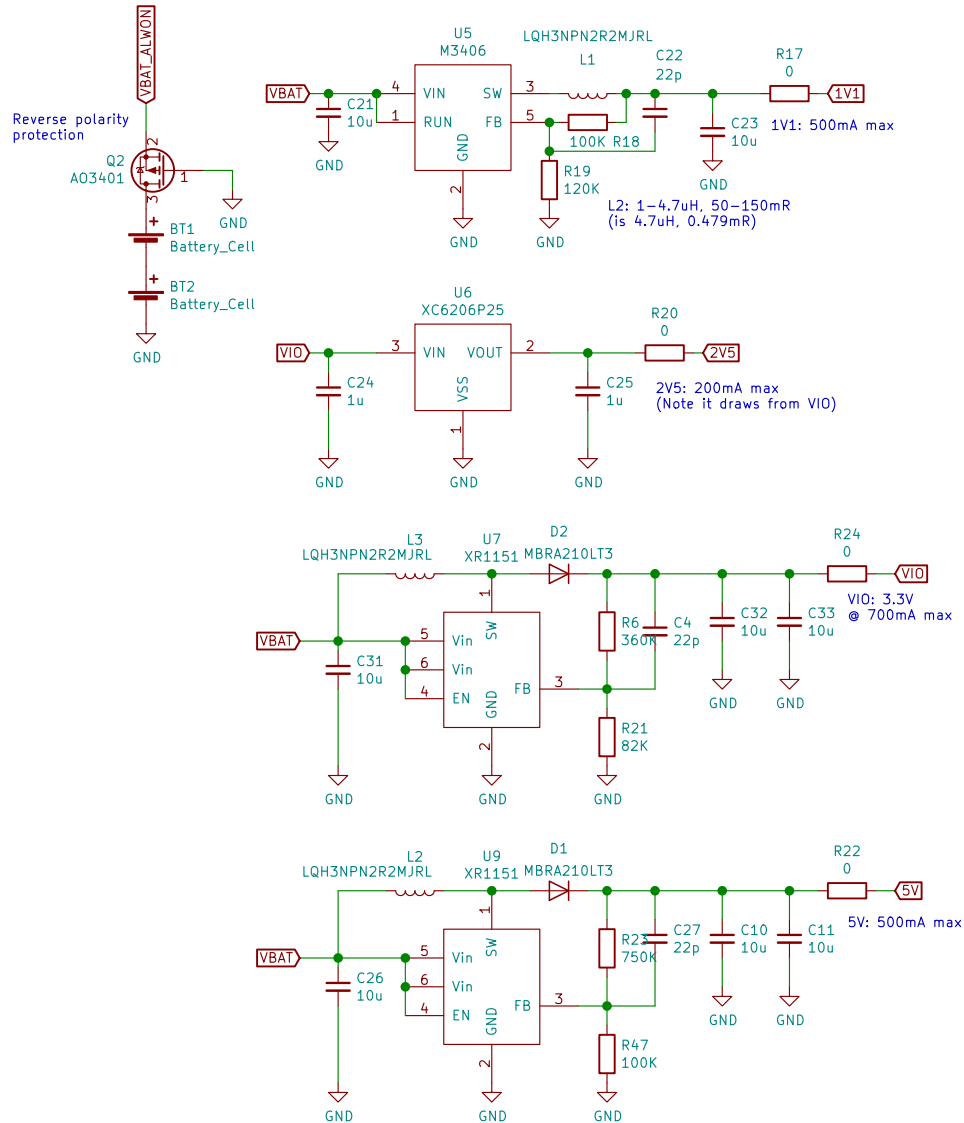
	1	2	3	4	5	6
A	Note: These are the schematics for the PRODUCTION version (black silkscreen).					A
		Sheet: FPGA File: FPGA.sch	Sheet: Power File: power.sch			
B		Sheet: Outputs File: outputs.sch				B
C						C
D						D
	1	2	3	4	5	6

Sheet: /		
File: hadbadge2019.sch		
Title: Hackaday Badge 2019		
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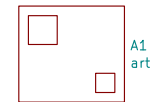


LDO dropout voltage is 0.3–0.7V... so we need 2.8–3.2V of input. Not enough margin with just 2 AA cells: If any, NiMHs will break this (2.4V max). Hence, we need a SMPS to generate the 3.3VIO, and from that derive the 2.5V Vaux.

Note: M3406 and XR1151 are Chineseium, but very cheap and plenty good.



H1 MountingHole



- FID1 Fiducial
- FID2 Fiducial
- FID3 Fiducial
- FID4 Fiducial
- FID5 Fiducial
- FID6 Fiducial

Sheet: /Power/
File: power.sch

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