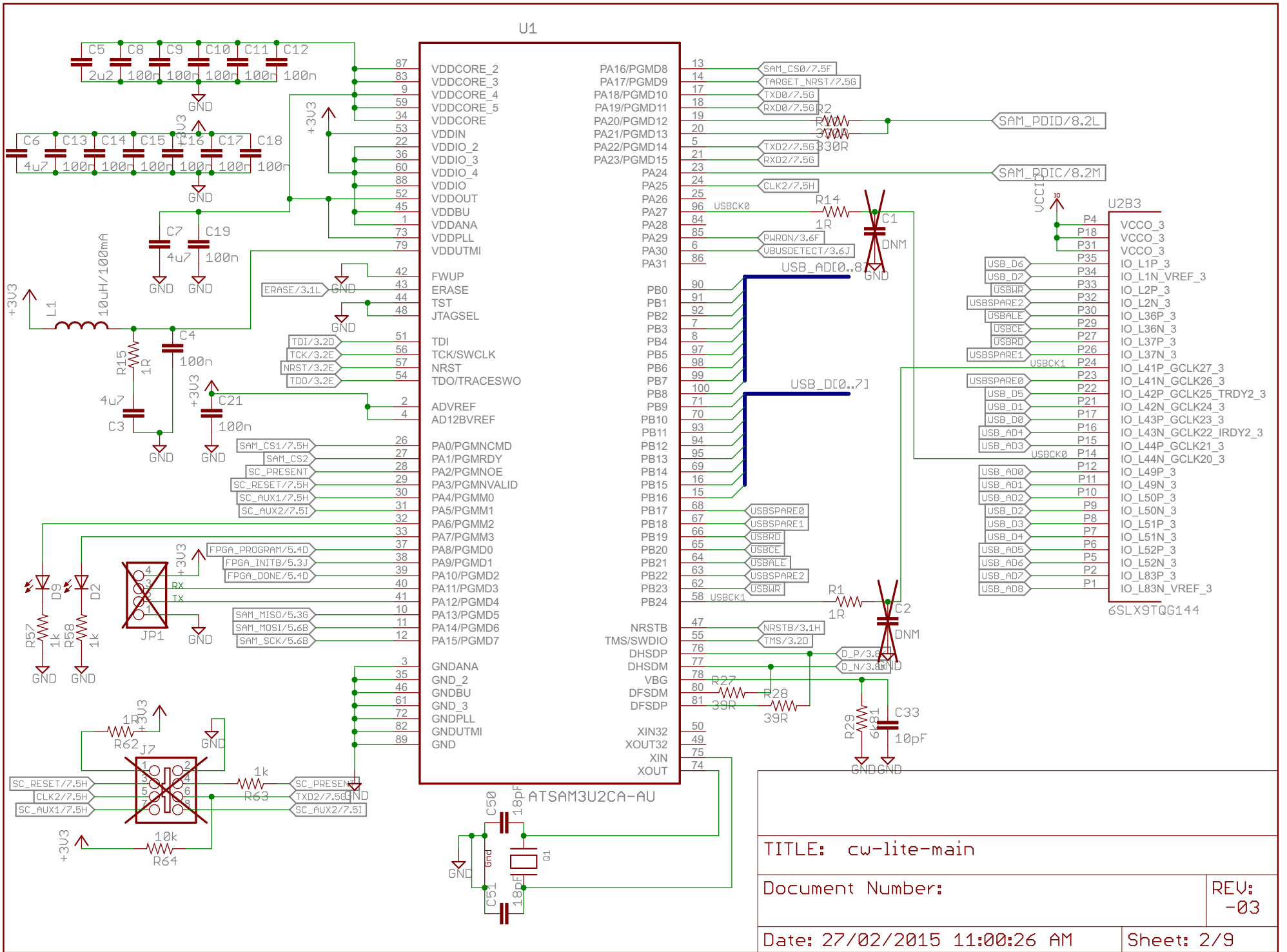


# ChipWhisperer-Lite

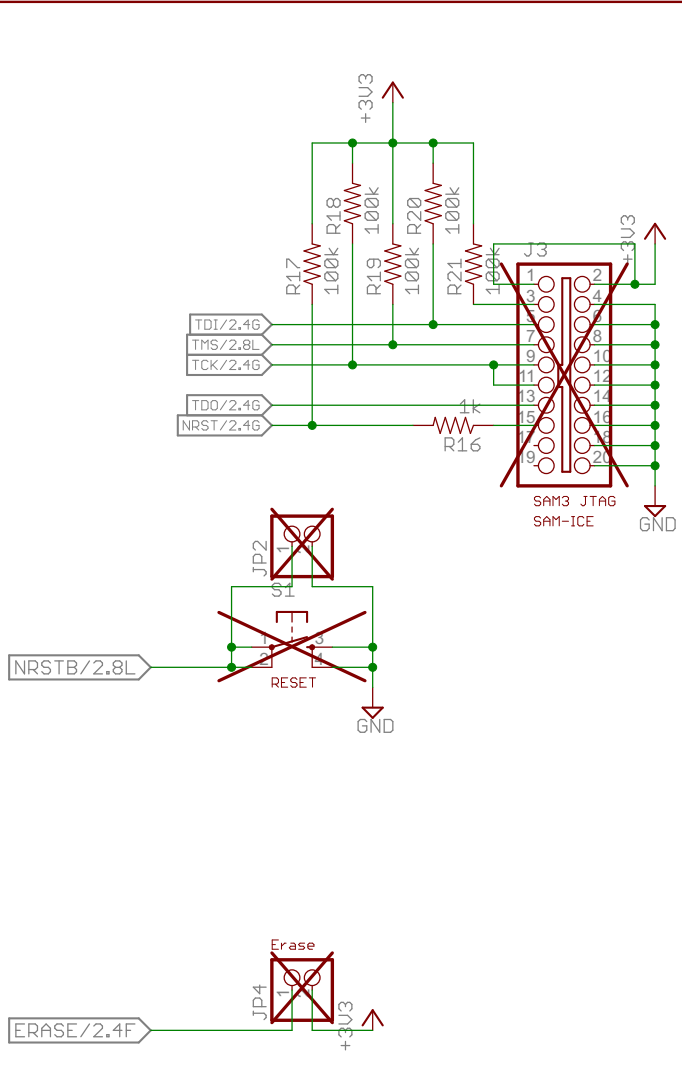
## Revision Information

- 03: Addition of low-power glitch module, split target board onto own sheet. Jan 13/2015.
- 02: Fixed routing errors, addition of switch for target power supply voltage.
- 01: Initial release, prototype.

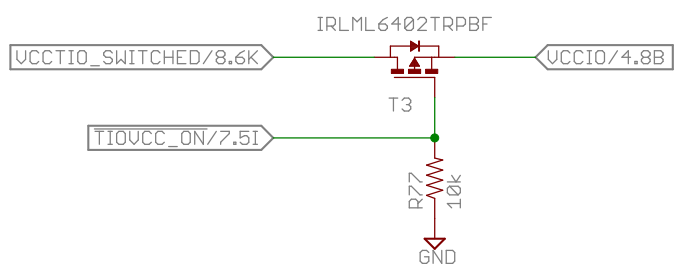
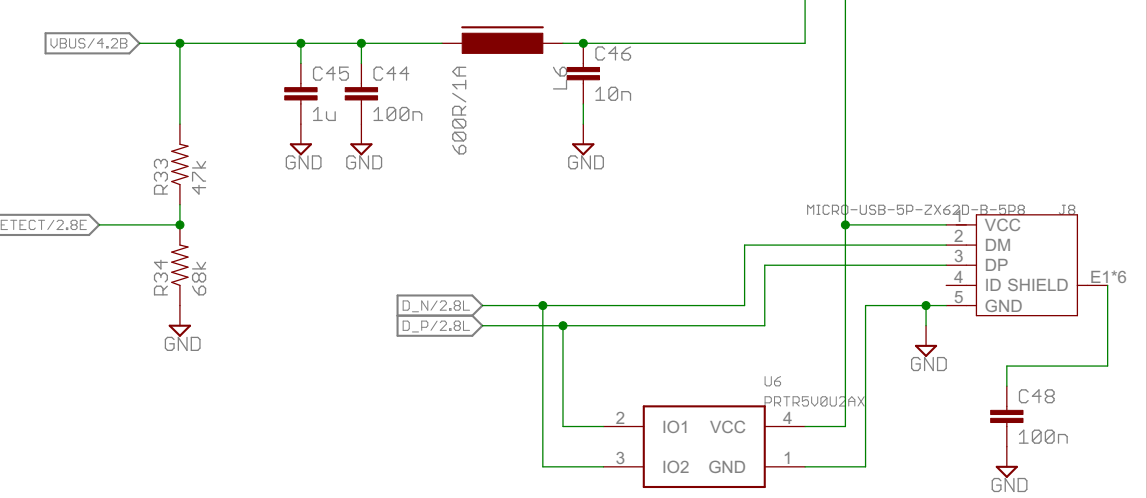
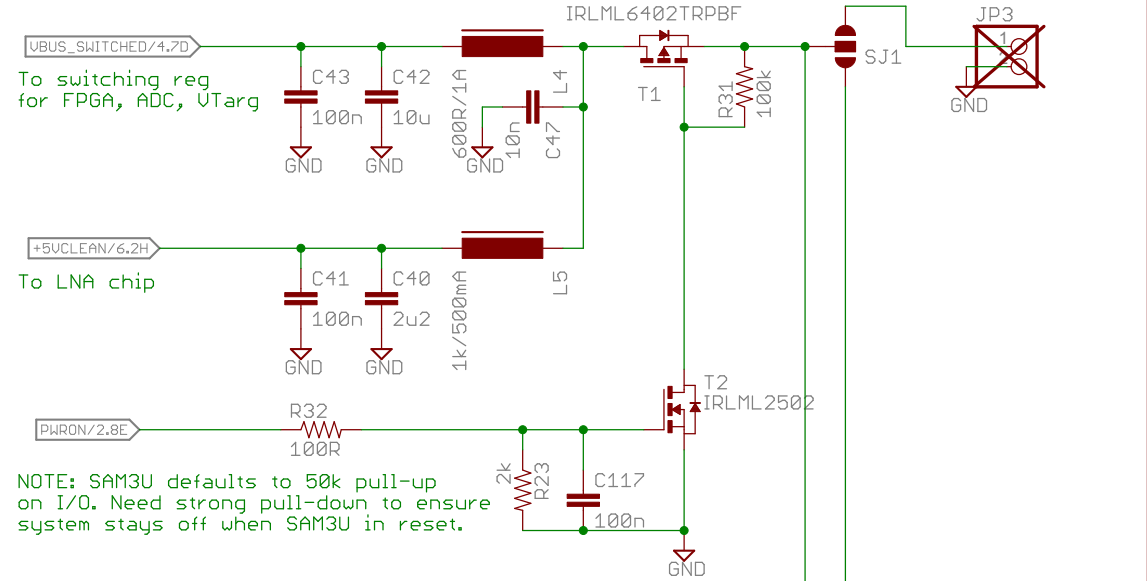
TITLE: cw-lite-main	
Document Number:	REV: -03
Date: 27/02/2015 11:00:26 AM	Sheet: 1/9



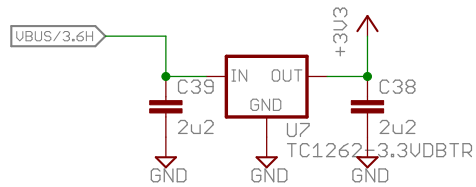
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Date: 27/02/2015 11:00:26 AM	Sheet: 2/9



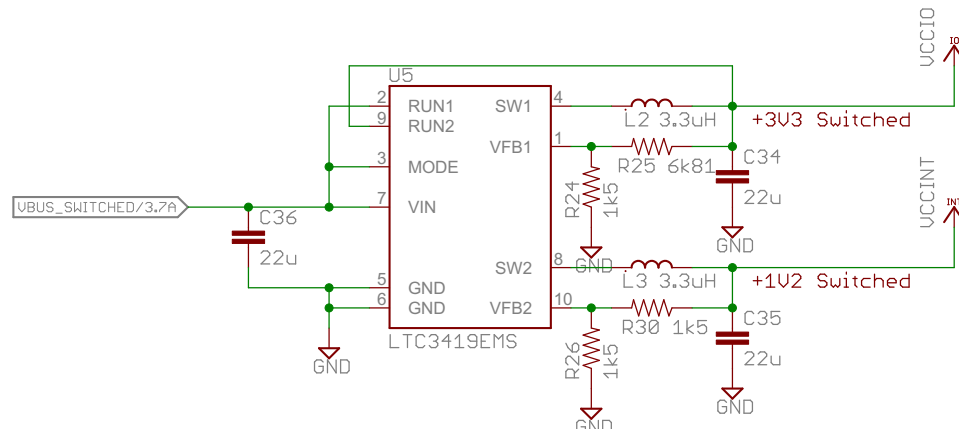
Switched supplies (required for USB suspend + meeting inrush current limits)



TITLE: cw-lite-main	
Document Number:	REV: -03
Date: 27/02/2015 11:00:26 AM	Sheet: 3/9



LDO Regulator active during USB Suspend



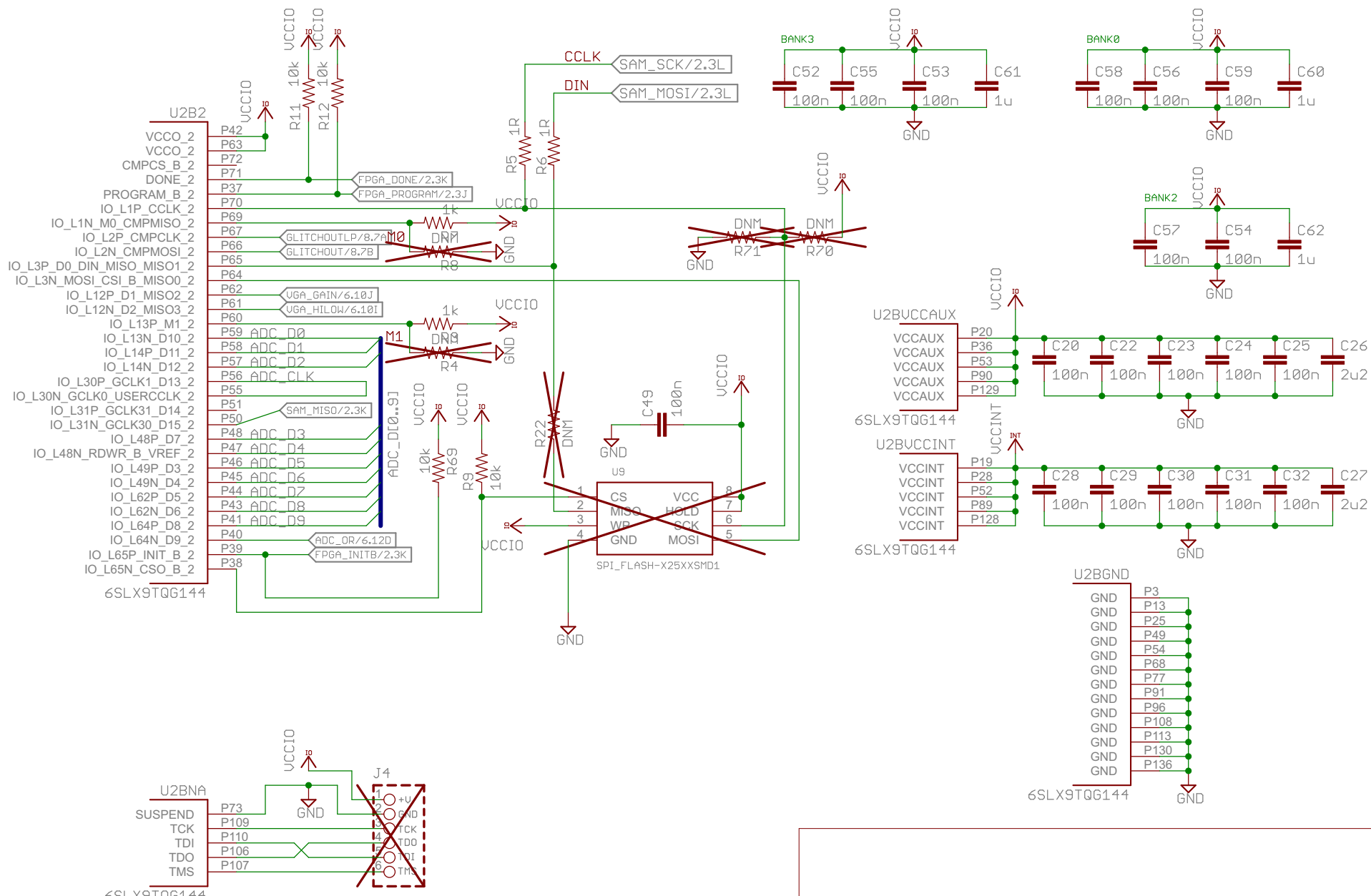
Switching regulator turned off during USB suspend

Shutdown pins not used as require switching +5V supply anyway for LNA chip, so simply switch off input to this chip.



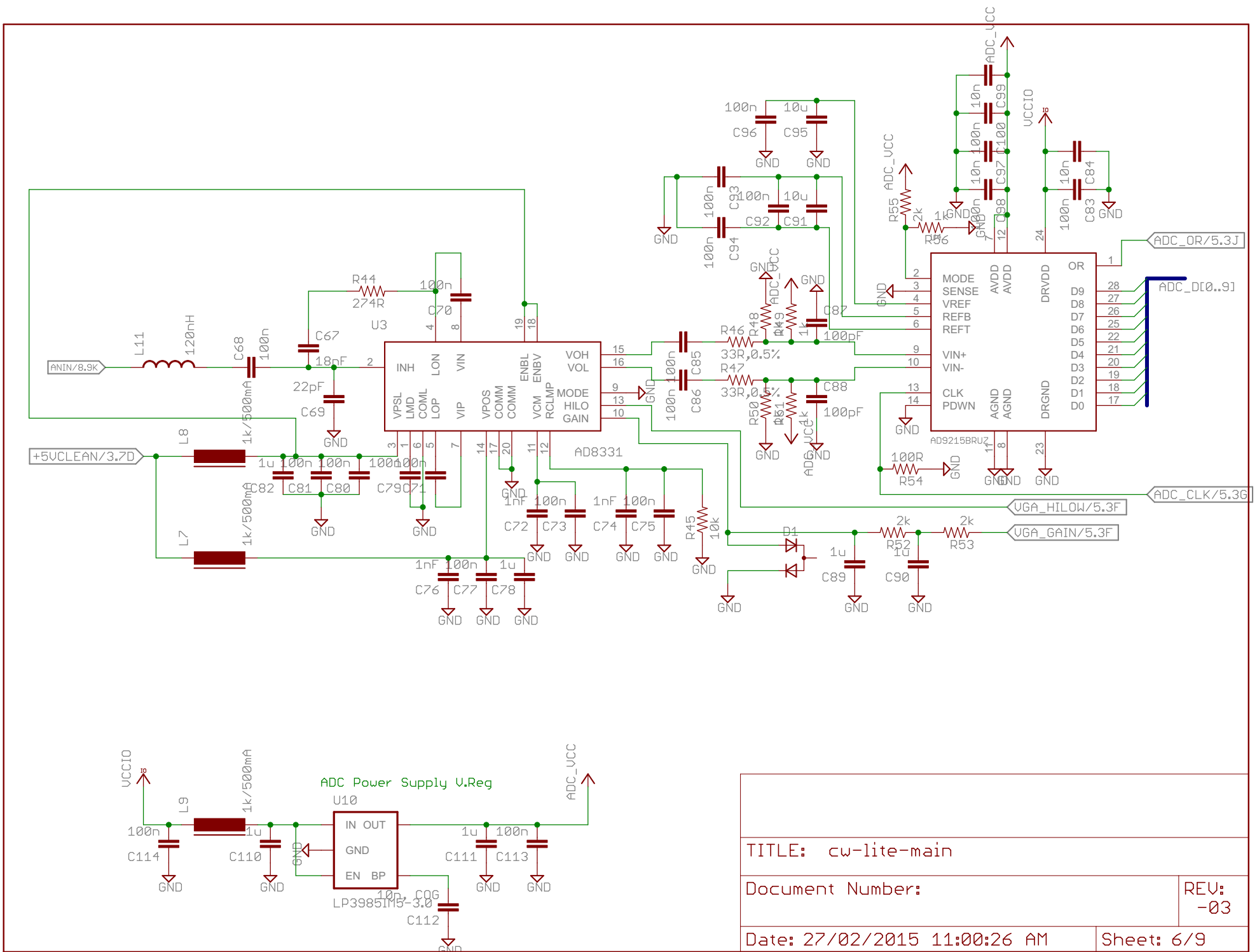
- H1 MOUNT-PAD-ROUND2.8
- H2 MOUNT-PAD-ROUND2.8
- H3 MOUNT-PAD-ROUND2.8
- H4 MOUNT-PAD-ROUND2.8

TITLE: cw-lite-main	
Document Number:	REV: -03
Date: 27/02/2015 11:00:26 AM	Sheet: 4/9



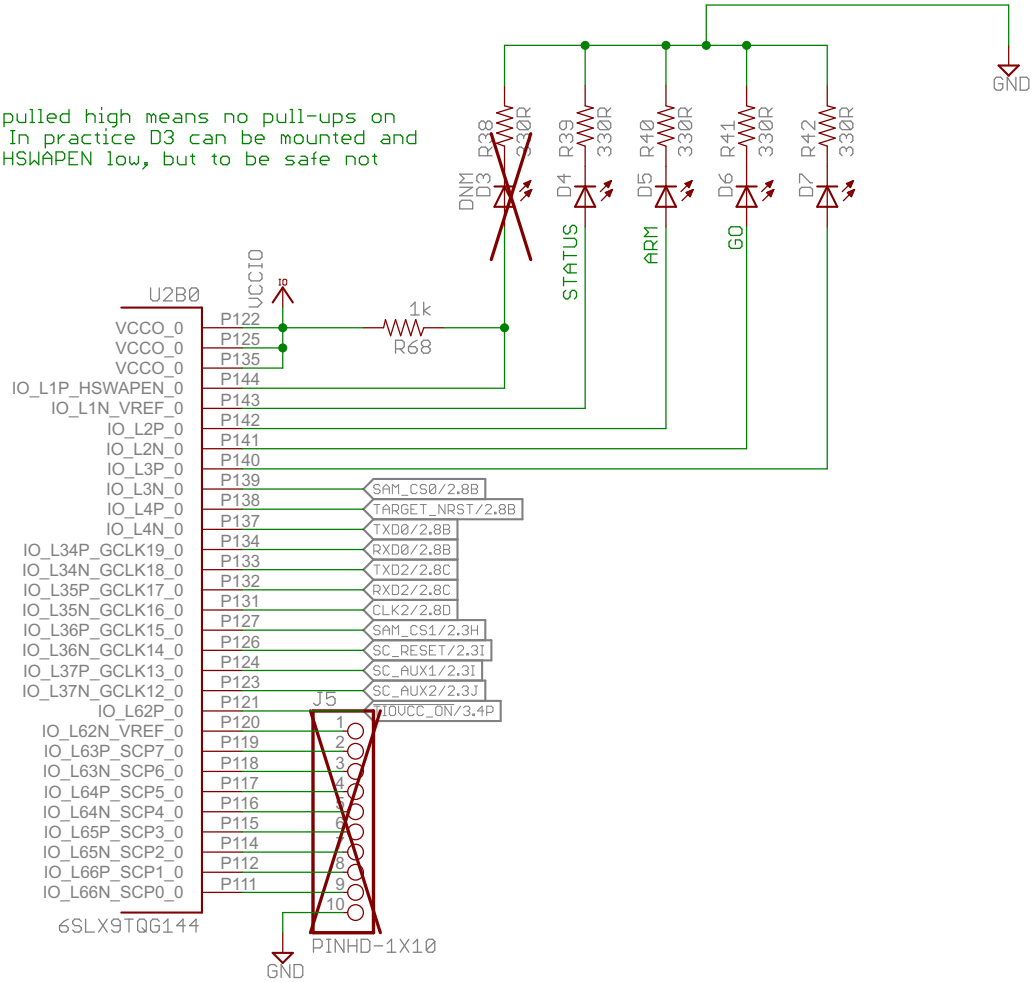
JTAG Programming/Debug for FPGA

TITLE: cw-lite-main	
Document Number:	REV: -03
Date: 27/02/2015 11:00:26 AM	Sheet: 5/9

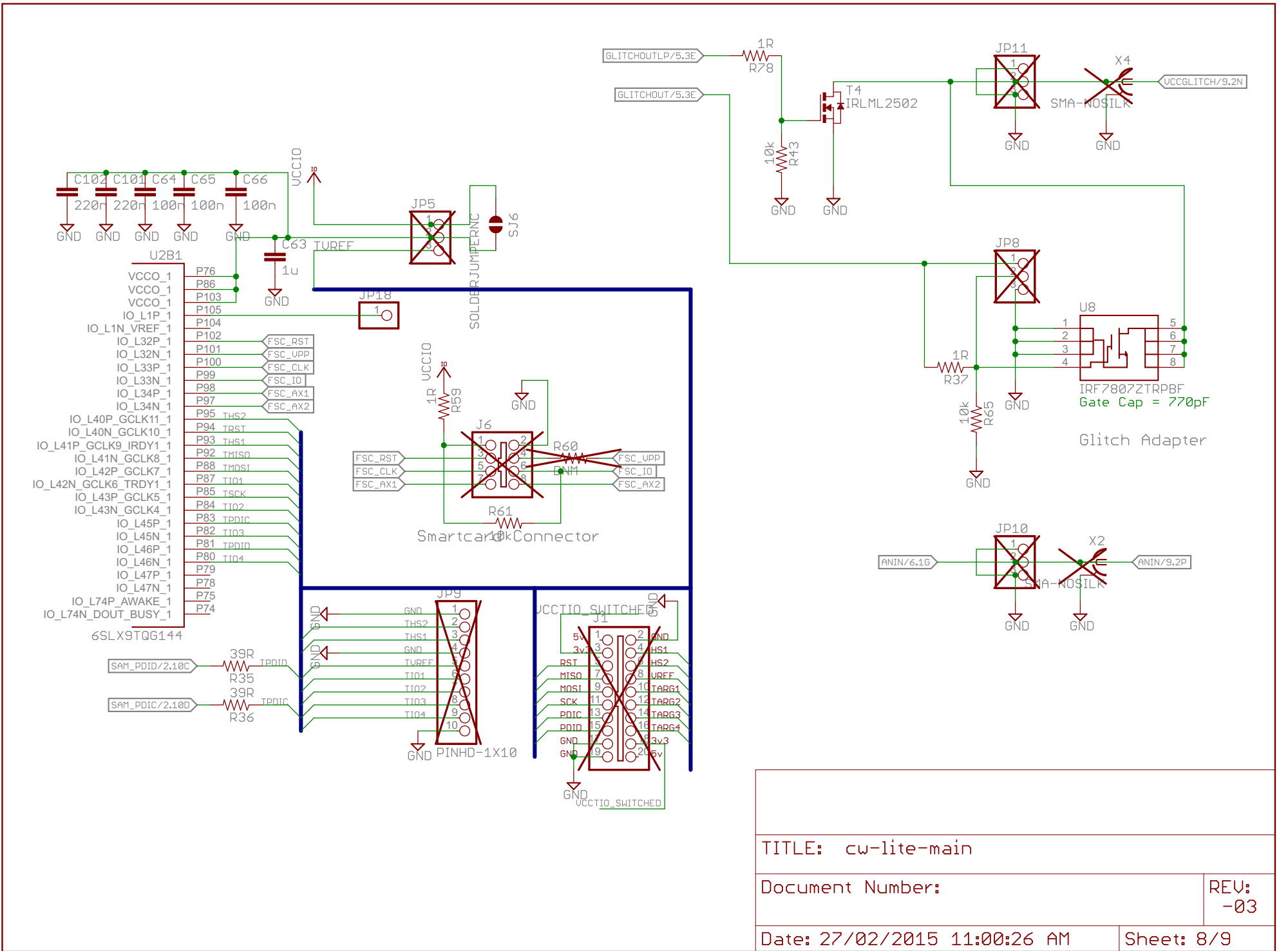


TITLE: cw-lite-main	
Document Number:	REV: -03
Date: 27/02/2015 11:00:26 AM	Sheet: 6/9

HSWAPEN pulled high means no pull-ups on all pins. In practice D3 can be mounted and not pull HSWAPEN low, but to be safe not mounted



SRAM	
TITLE: cw-lite-main	
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TITLE: cw-lite-main

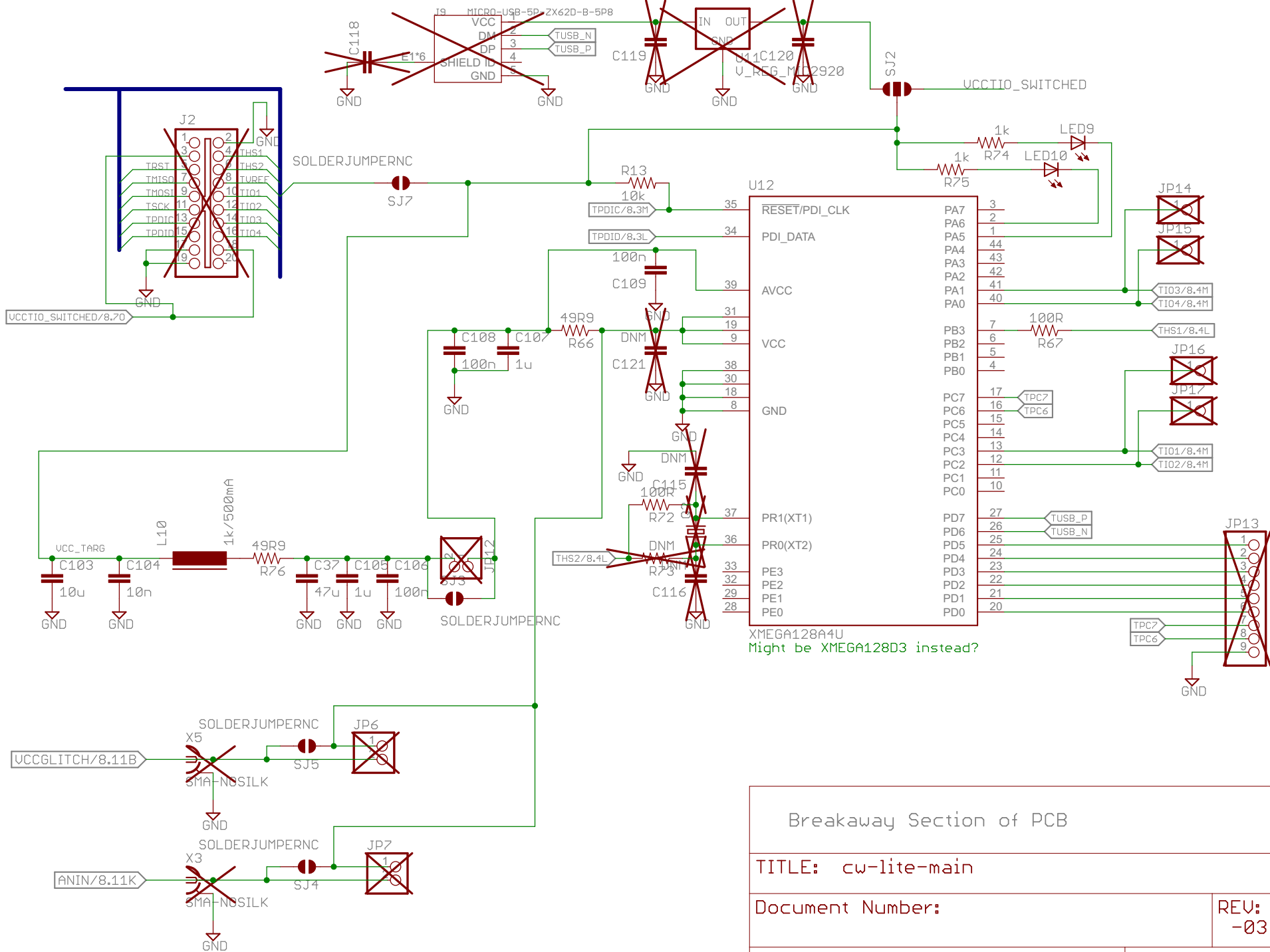
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-03

Date: 27/02/2015 11:00:26 AM

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Breakaway Section of PCB	
TITLE: cw-lite-main	
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