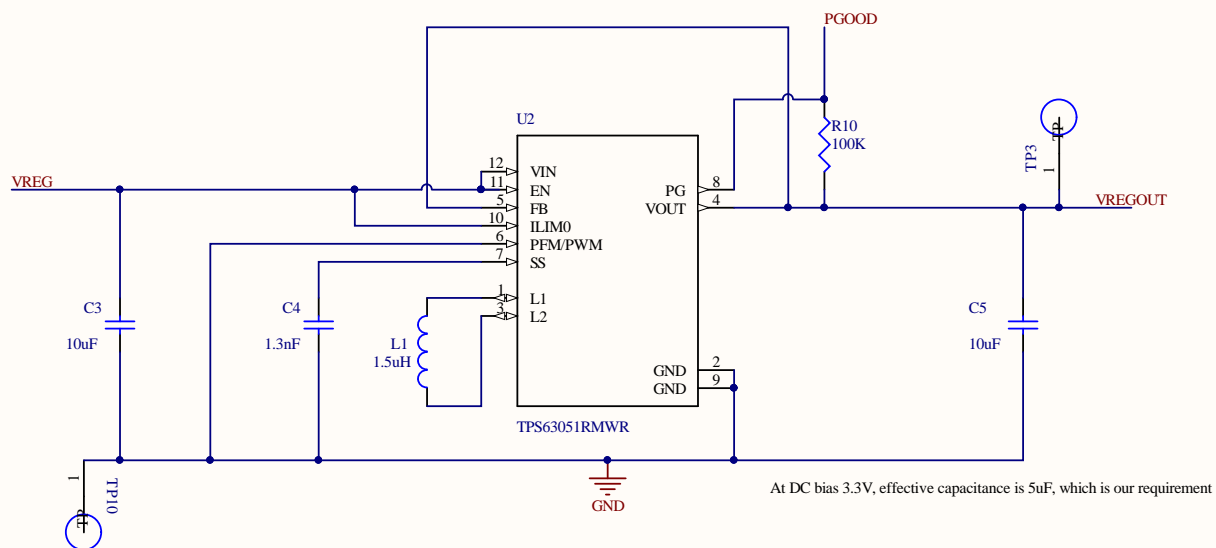
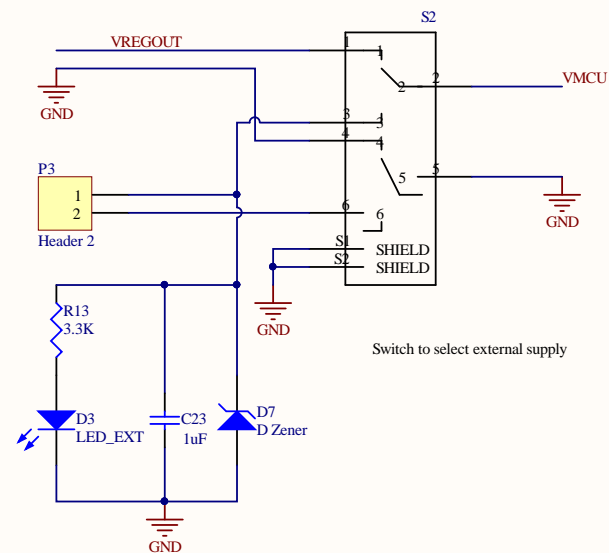



Buck-Boost Converter

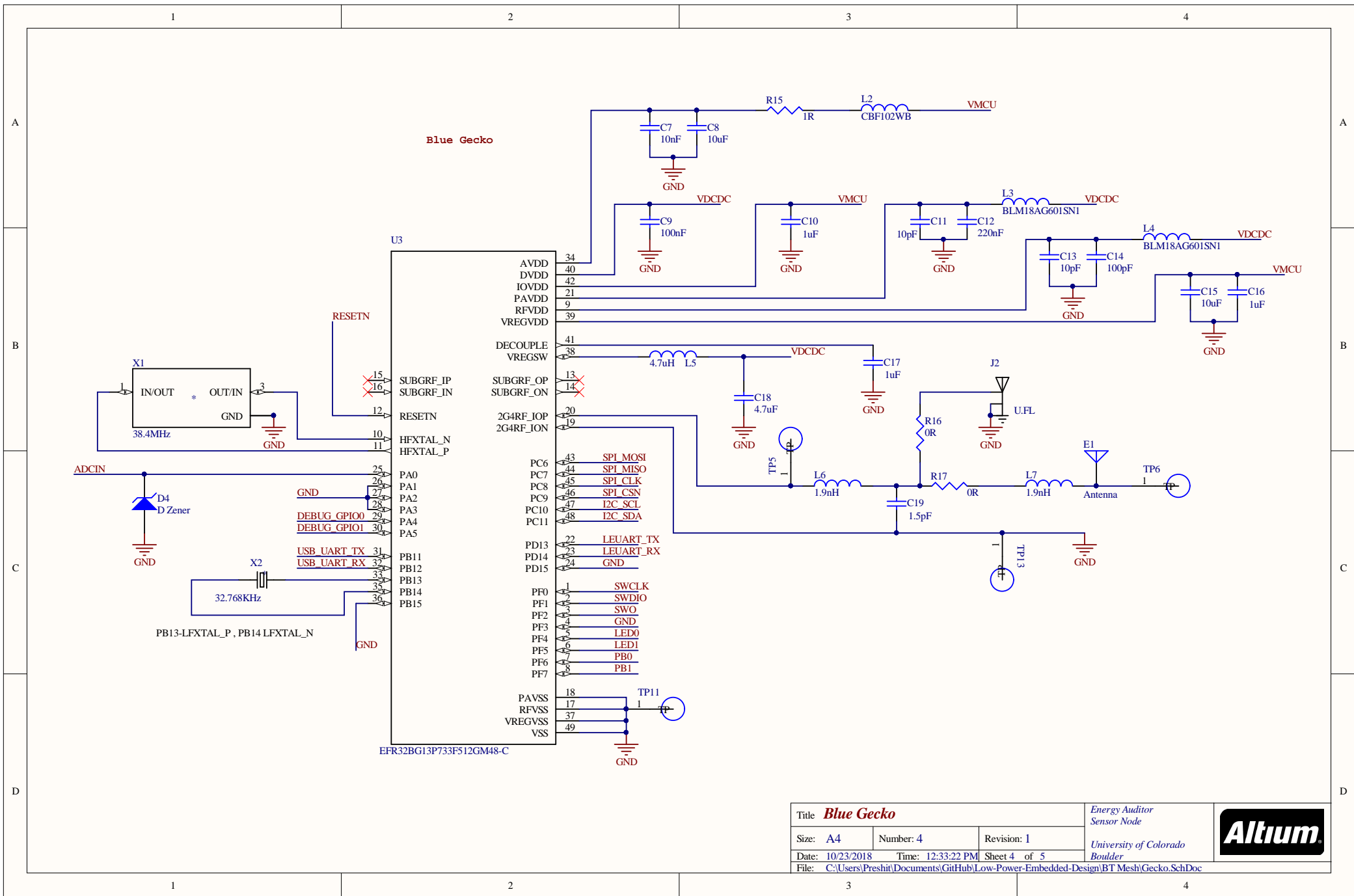



External Input



Title Regulator			Energy Auditor Sensor Node	
Size: A4	Number: 3	Revision: 1	University of Colorado Boulder	
Date: 10/23/2018	Time: 12:33:22 PM	Sheet 3 of 5		
File: C:\Users\Preshit\Documents\GitHuB\Low-Power-Embedded-Design\BT Mesh\Regulator.SchDoc				





Title Blue Gecko			Energy Auditor Sensor Node	
Size: A4	Number: 4	Revision: 1		
Date: 10/23/2018	Time: 12:33:22 PM	Sheet 4 of 5	University of Colorado Boulder	
File: C:\Users\Preshit\Documents\GitHub\Low-Power-Embedded-Design\BT Mesh\Gecko.SchDoc				

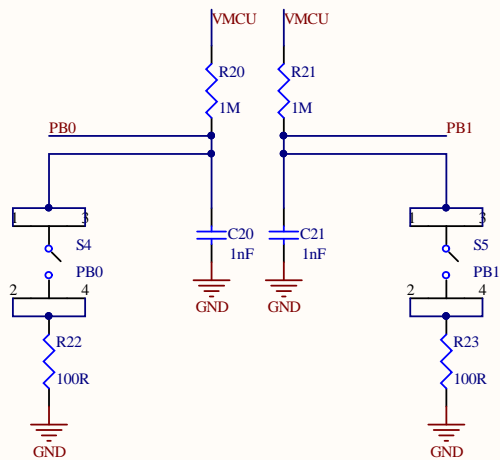
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2

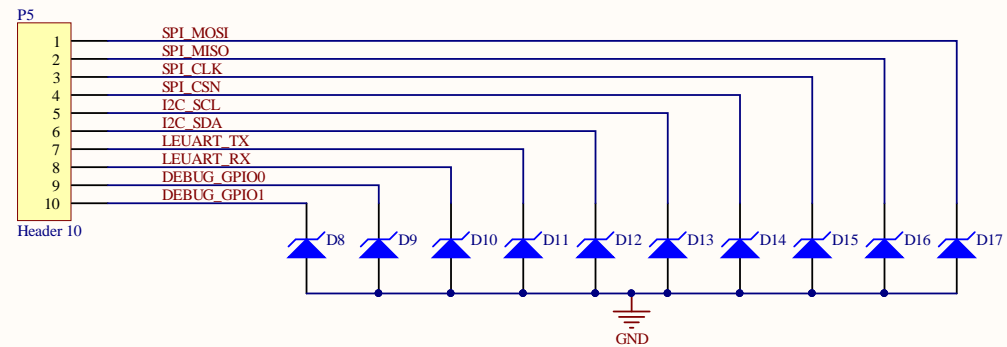
3

4

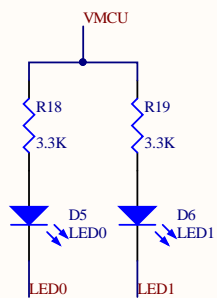
Push Buttons



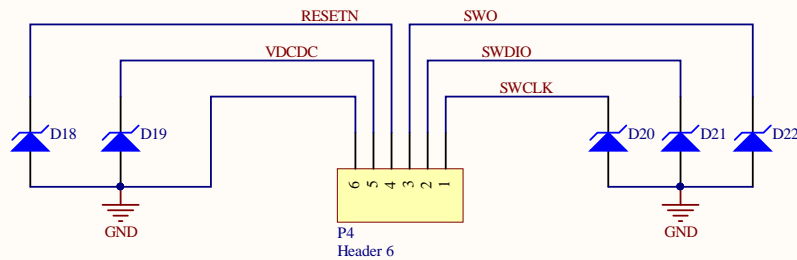
GPIO



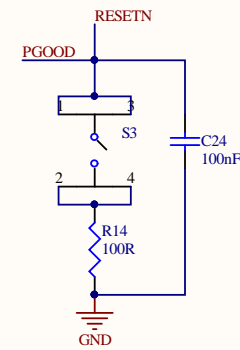
Debug LEDs



Debug Interface



Reset Circuit



RESETN- Active LOW
PGOOD HIGH - S4 OPEN -
RESETN HIGH - MCU ON
PGOOD LOW - S4 OPEN -
RESETN LOW - MCU RESET
PGOOD HIGH when regulator
Vout greater 95% nominal output
voltage i.e. 95% of 3.3V
S4 CLOSED - PGOOD don't care -
RESETN LOW - MCU RESET

Title Gecko IO			Energy Auditor Sensor Node
Size: A4	Number: 5	Revision: 1	University of Colorado Boulder
Date: 10/23/2018	Time: 12:33:22 PM	Sheet 5 of 5	
File: C:\Users\Preshit\Documents\GitHub\Low-Power-Embedded-Design\BT Mesh\Gecko IO.SchDoc			



1

2

3

4