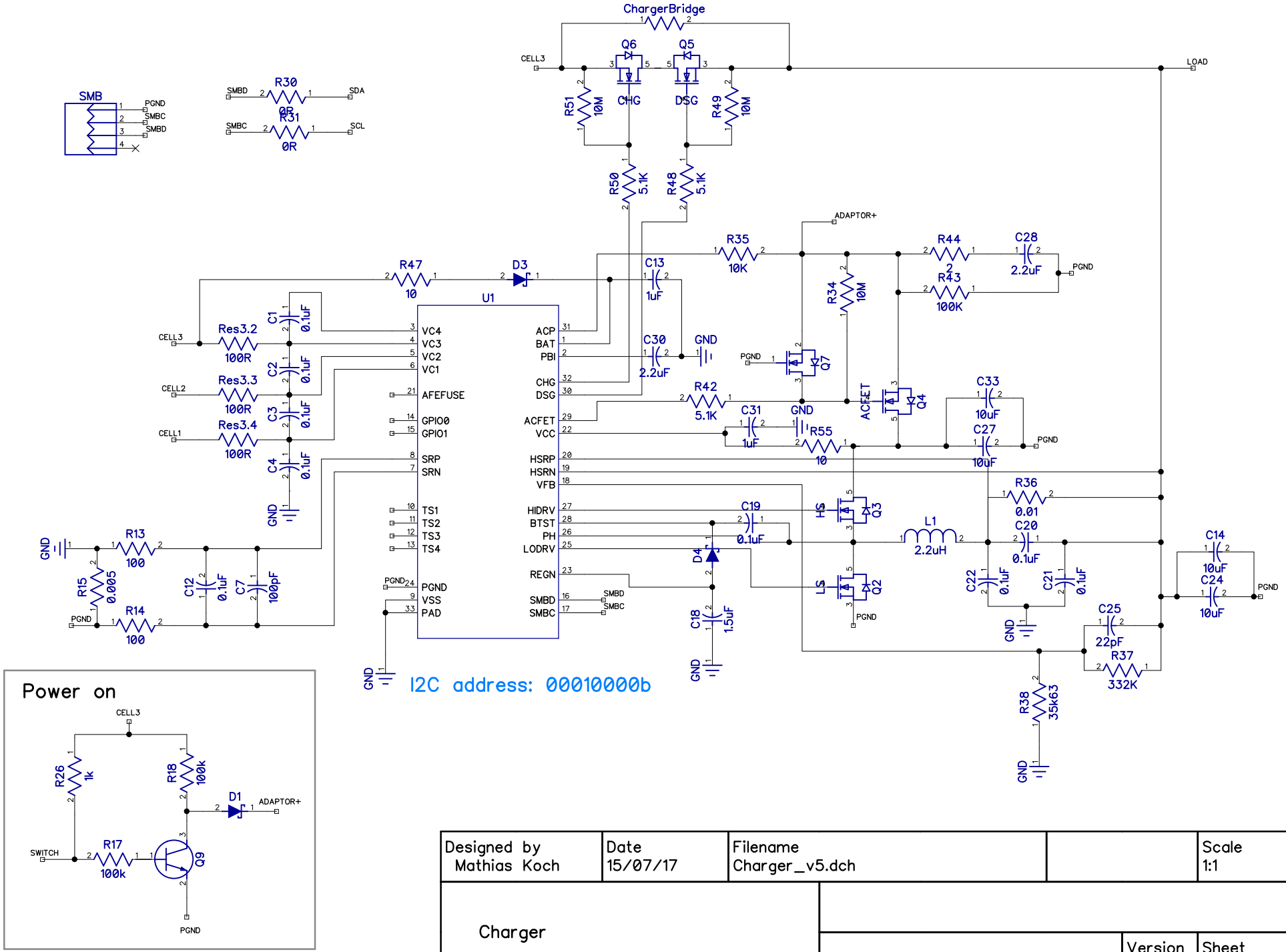
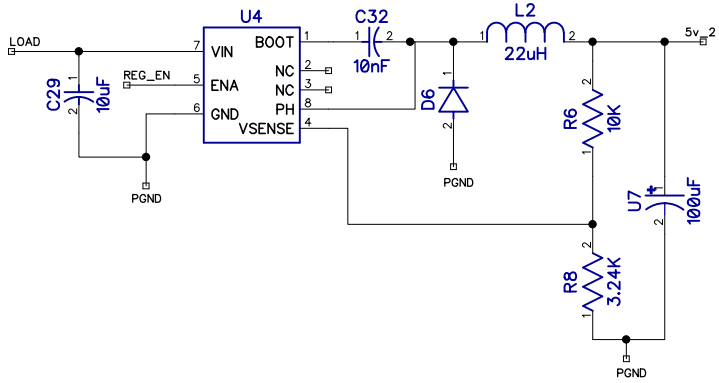
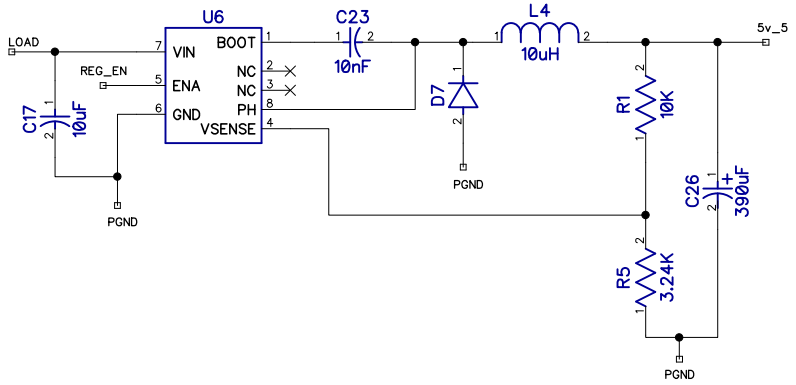


Designed by Mathias Koch	Date 15/07/17	Filename Charger_v5.dch		Scale 1:1
Charger			Version 5	Sheet 1/5

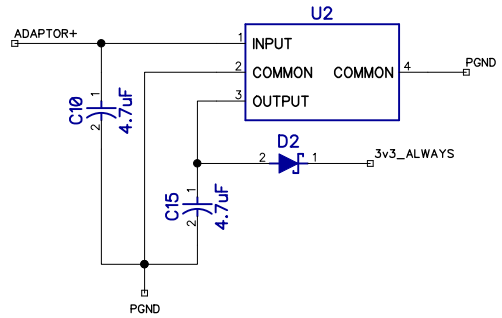
5v Supply - 2 A



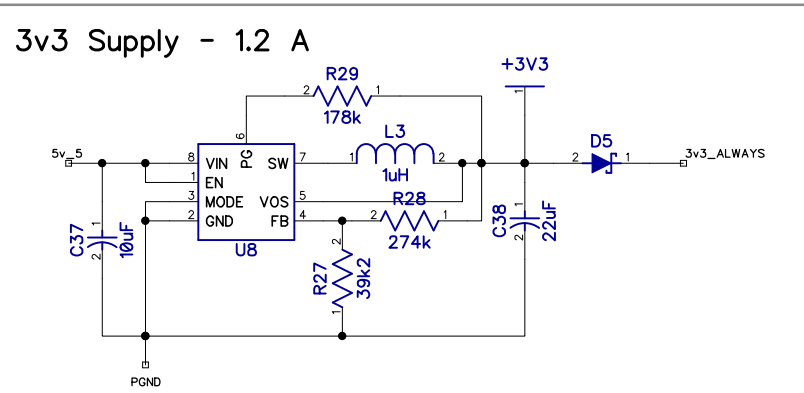
5v Supply - 5 A



3v3 Supply (AC-DC) - 500 mA



3v3 Supply - 1.2 A



Calculate actual trace widths required with online calculator!
http://www.4pcb.com/trace-width-calculator.html

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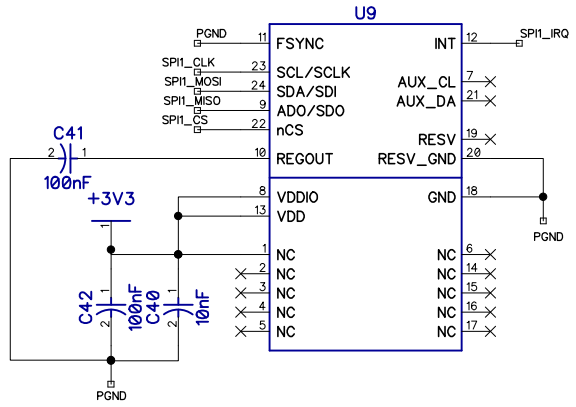
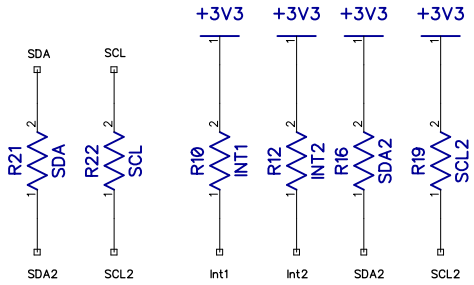
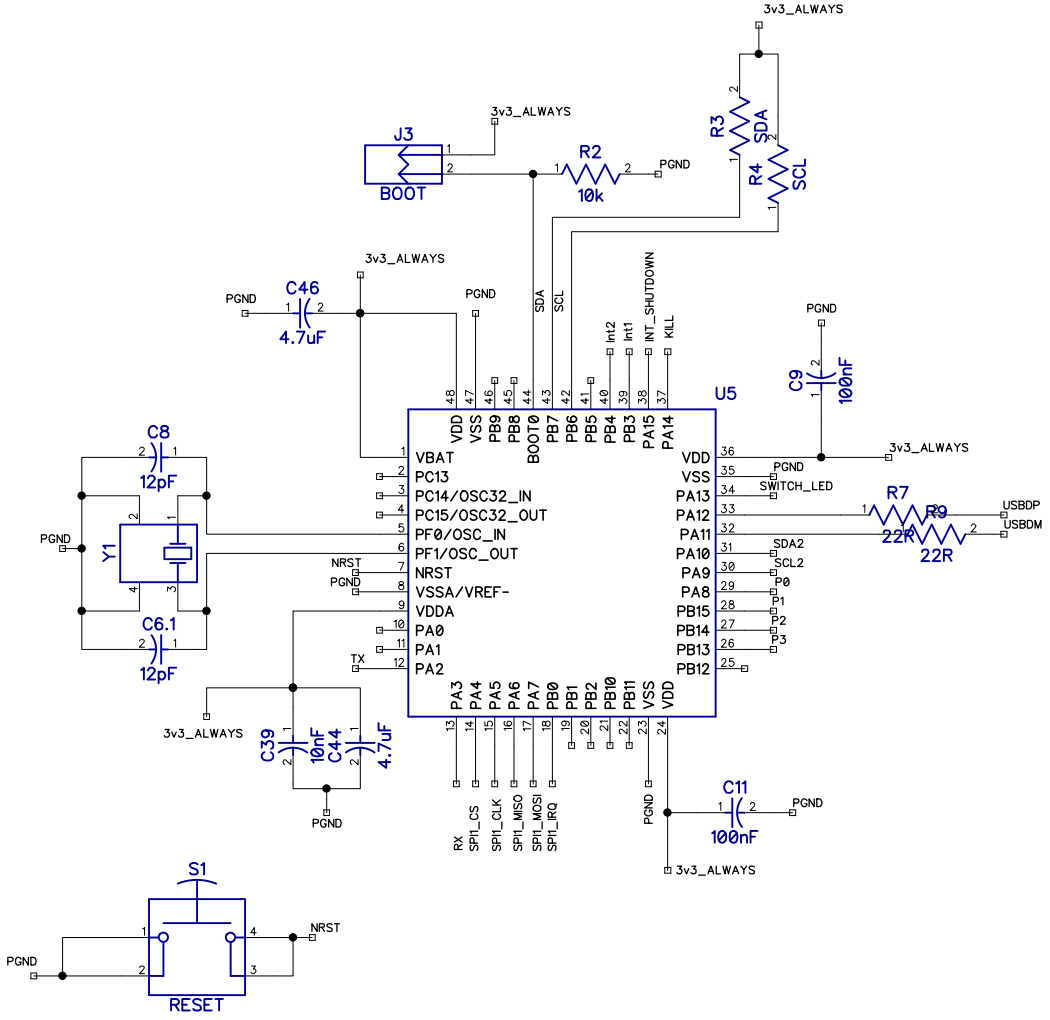
Power Supply			Version 5	Sheet 2/5

9-axis IMU

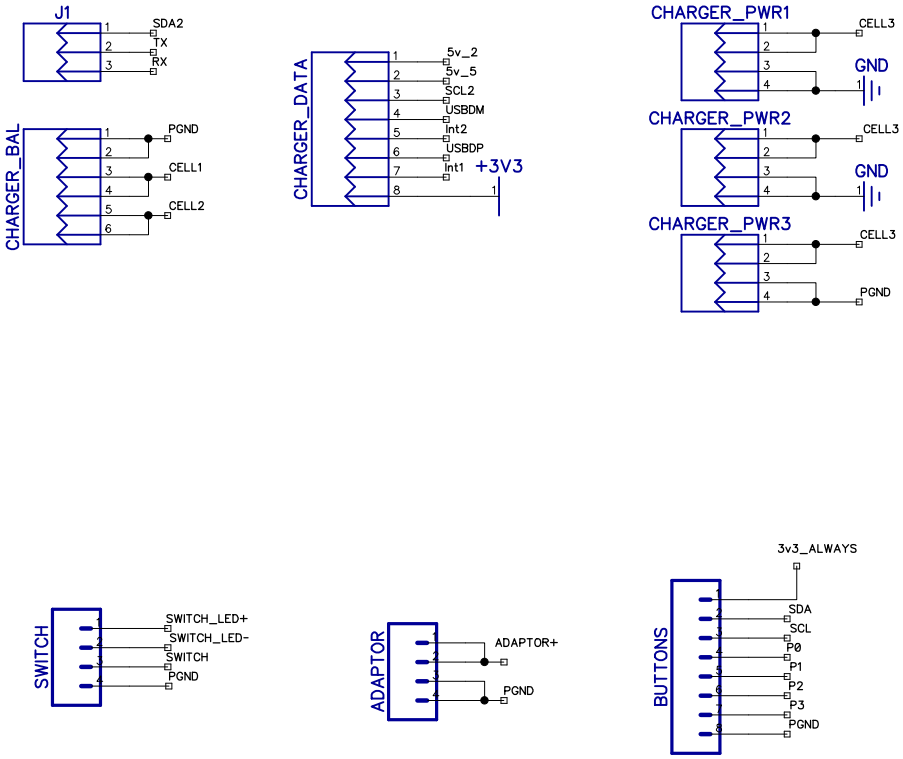


Pull-ups and shorts



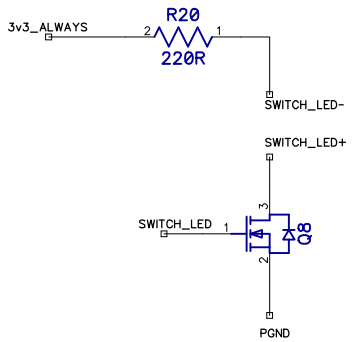


Designed by Mathias Koch	Date 15/07/17	Filename Charger_v5.dch		Scale 1:1
Microcontroller				
			Version 5	Sheet 3/5



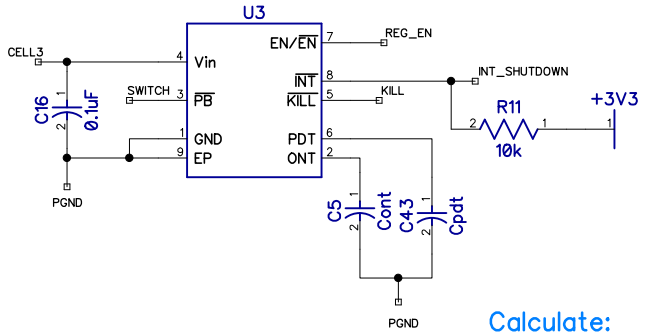
Designed by Mathias Koch	Date 15/07/17	Filename Charger_v5.dch		Scale 1:1
Connectors			Version 5	Sheet 4/5

Switch LED



Button Controller

REMEMBER TO GET THE ACTIVE HIGH EN VERSION!



Calculate:

Cpdt = 1.56e-4 (uF/ms) * (tPDT - 1ms)

Cont = 1.56e-4 (uF/ms) * (tONT - 1ms)

Designed by Mathias Koch	Date 15/07/17	Filename Charger_v5.dch		Scale 1:1
Power Control				
			Version 5	Sheet 5/5