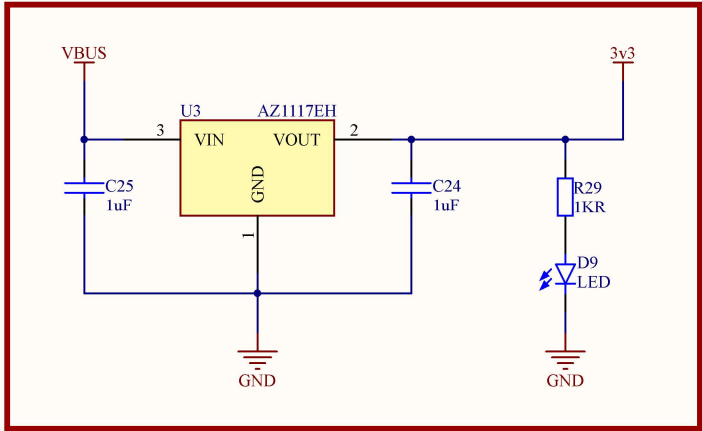


Power Input



3v3 Regulator

Main power input with reverse polarity protection
up to X volts.

Fused to x amperes.

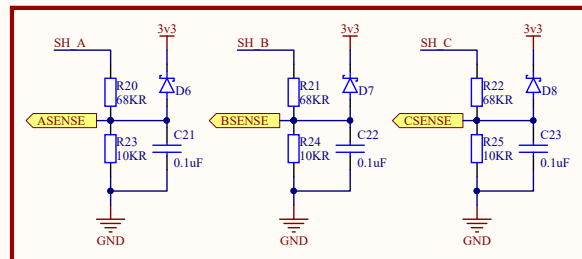
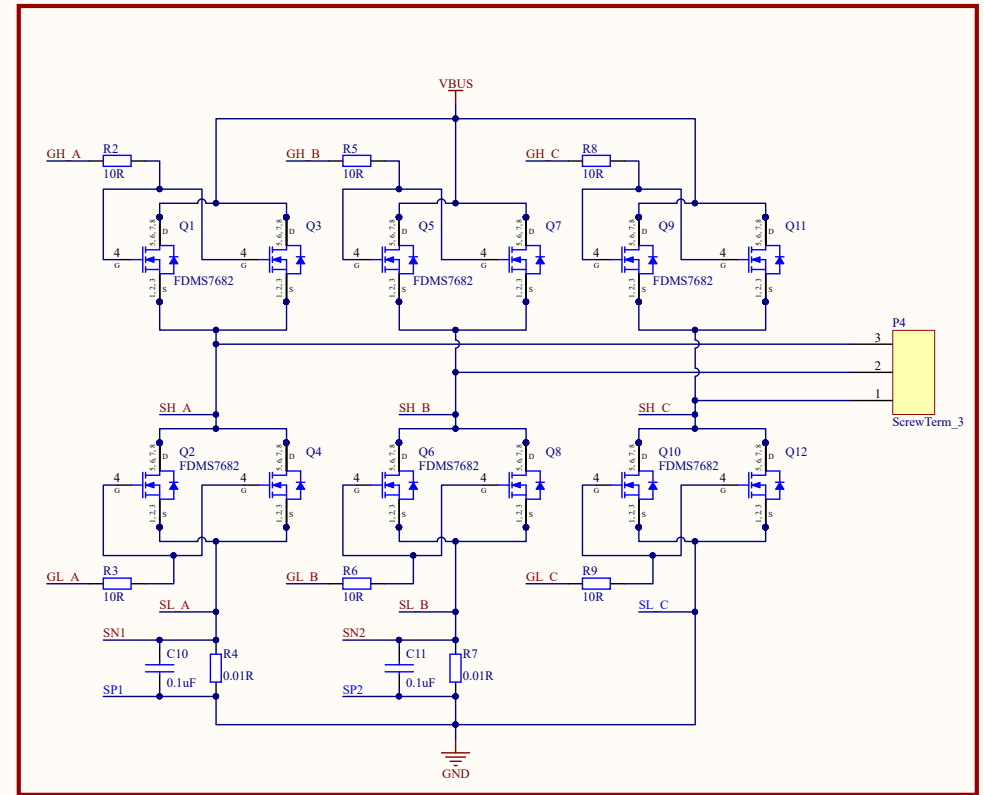
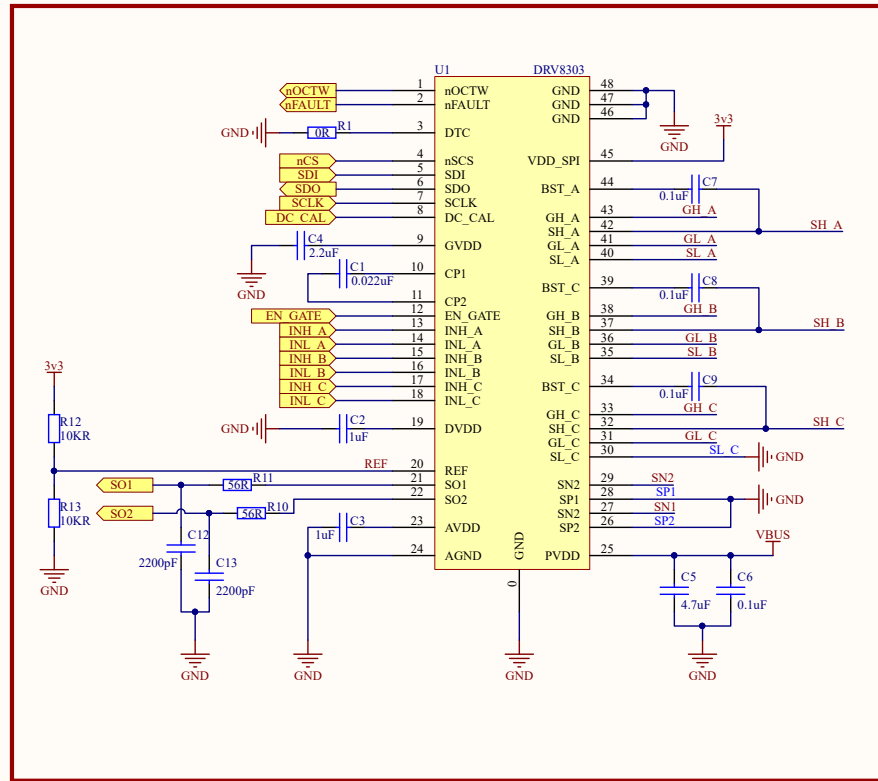
Crowbar??? (over current protection).
Over voltage protection???

Inrush current ramping???

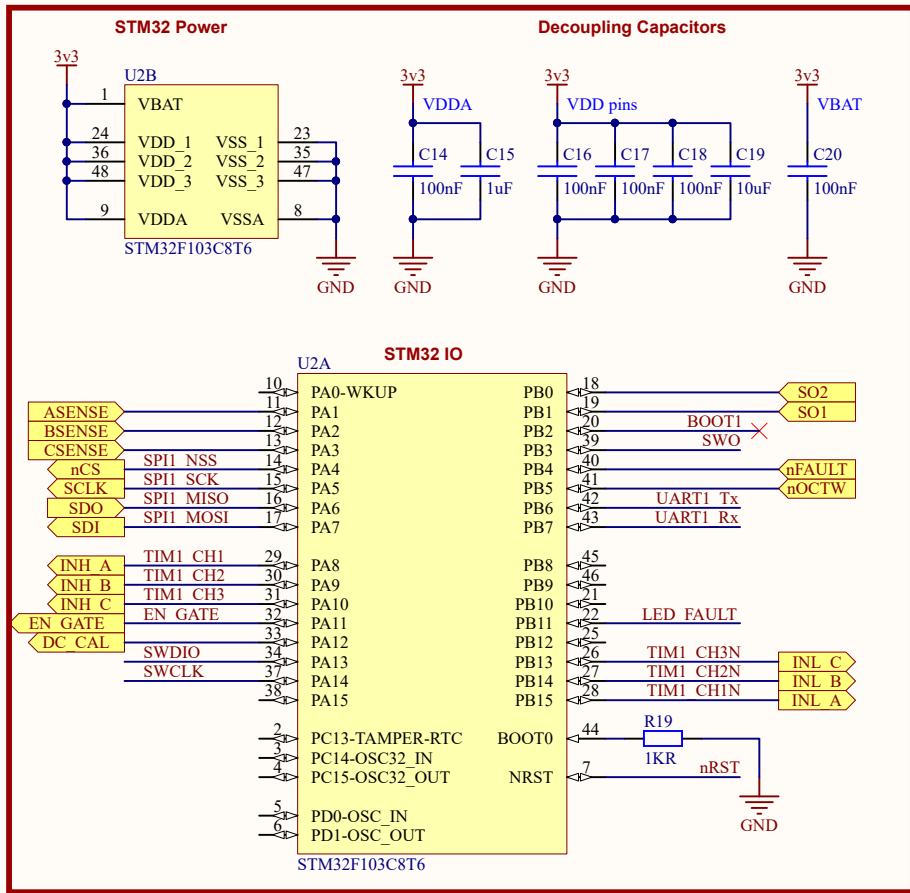
Power indicator LEDs

Re-check min/max voltage input!!

Title			
Size	Number		Revision
A4			
Date:	3/12/2018	Sheet	of
File:	C:\Users\...\Power.SchDoc	Drawn By:	



Title		
Size A3	Number	Revision
Date: 3/12/2018	Sheet	of
File: C:\Users\ADMIN\DRV8303.SchDoc	Drawn By:	

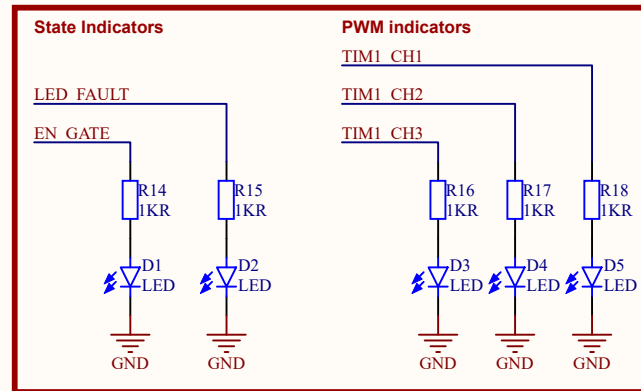


Microcontroller

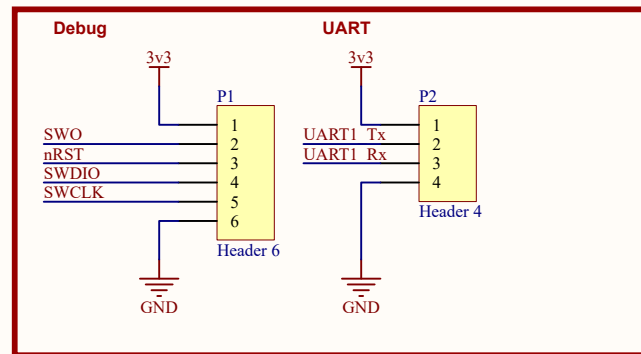
TIM1_CHx and TIM1_CHxN are complementary to each other.

Using CH1:3 and CH1:3N gives 3 phase, 6 output.

I'll potentially only use the INH_X pins, however.



LEDs



Connectors

To do:

- Oscillator
- USB connector?
- Any other peripherals?

Title		
Size A4	Number	Revision
Date: 3/12/2018	Sheet of	
File: C:\Users\...\STM32F103.SchDoc	Drawn By:	