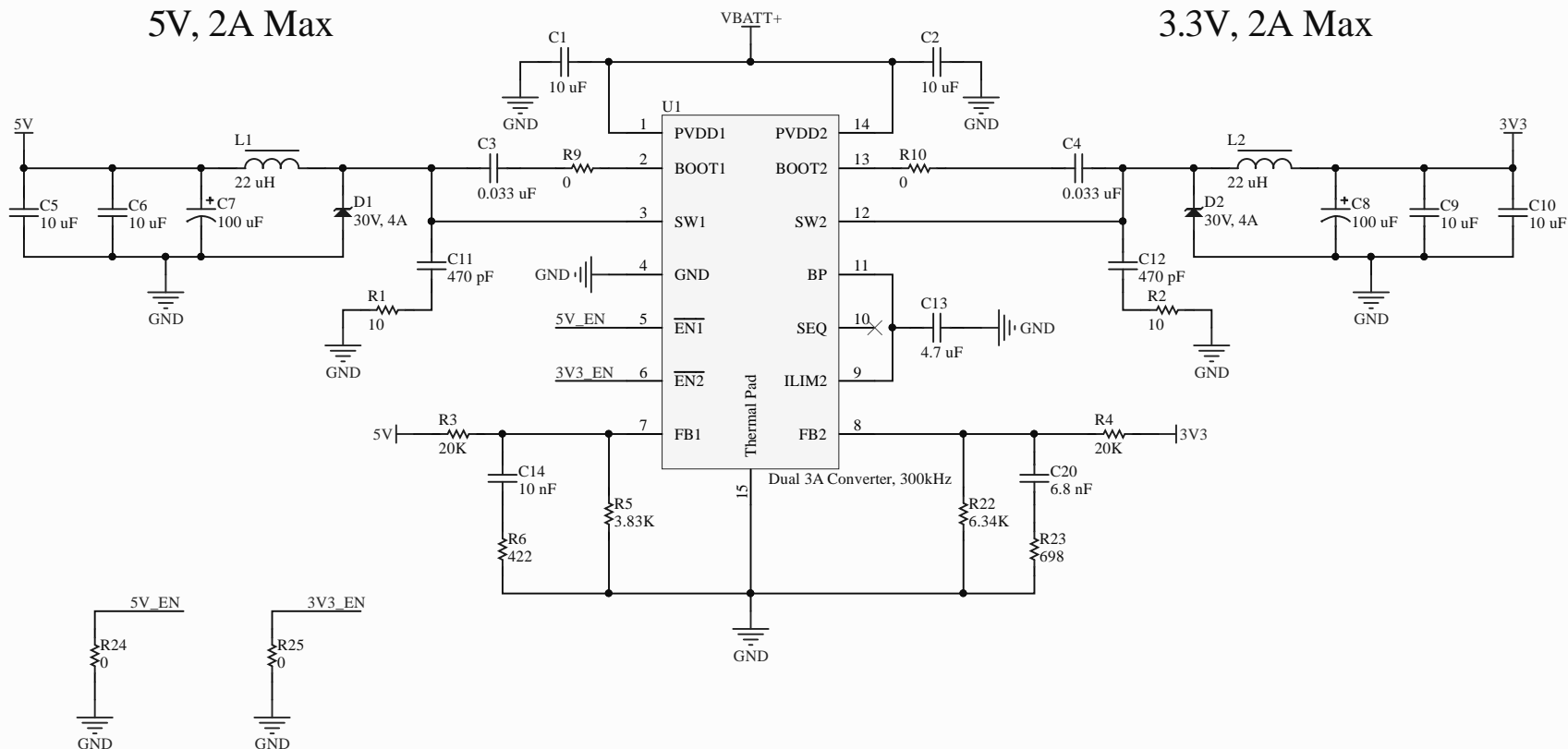


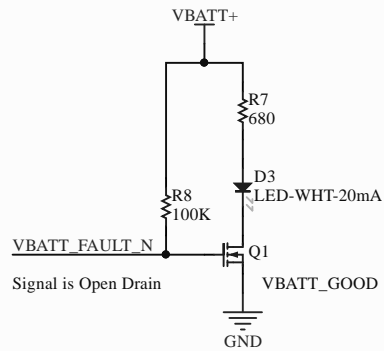
5V, 2A Max

3.3V, 2A Max

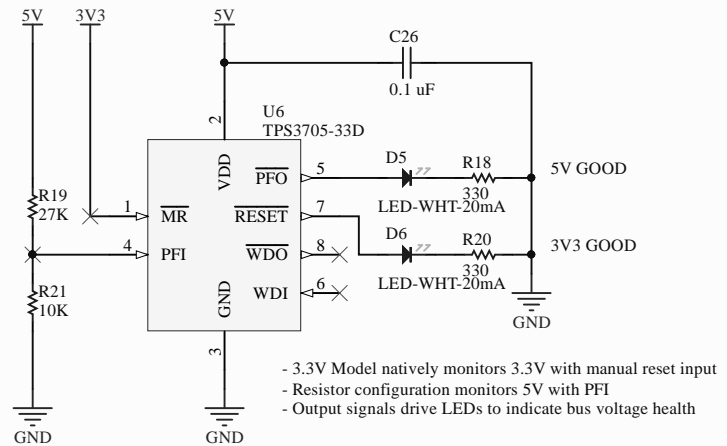


Title			
Fault-Tolerant Quadcopter			
Size	Number	Revision	
A		A	
Date:	11/18/2018	Sheet M	of N
File:	C:\Users\...\low_voltage_rails.SchDoc	Drawn By: Vaughn Kottler	

VBATT Monitoring



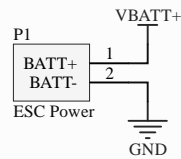
5V and 3V3 Monitoring



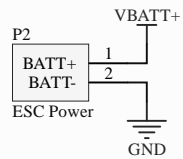
Title			Fault-Tolerant Quadcopter	
Size	Number	Power Distribution		Revision
A				A
Date:	11/18/2018	Sheet	M	of N
File:	C:\Users\...\monitoring.SchDoc	Drawn By:	Vaughn Kottler	

ESC Power Distribution

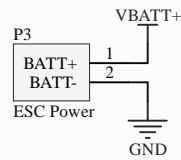
NEGX Motor Interface



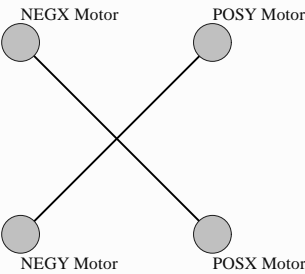
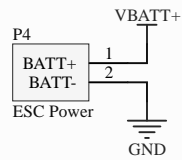
POSY Motor Interface



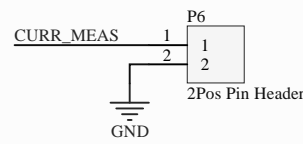
NEGY Motor Interface



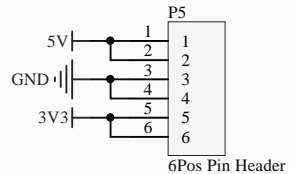
POSX Motor Interface



Current Measurements

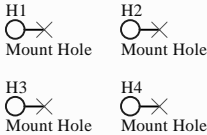
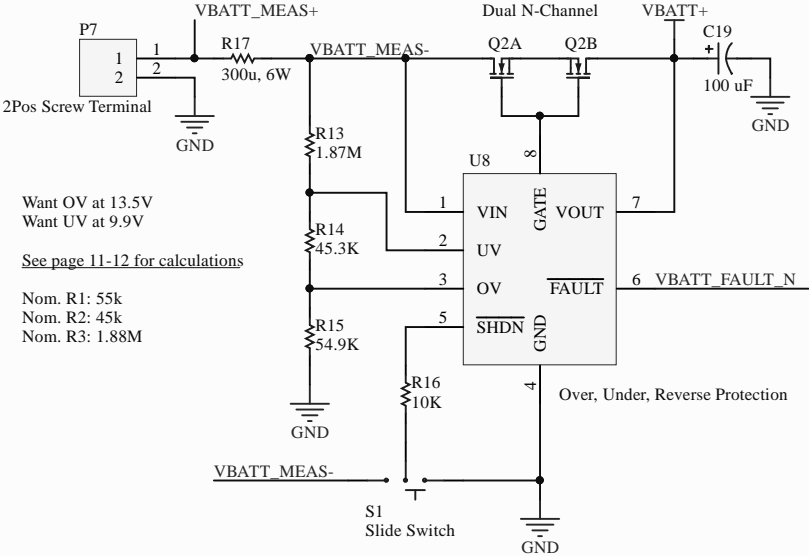


Low Voltage Power (to Flight Controller)

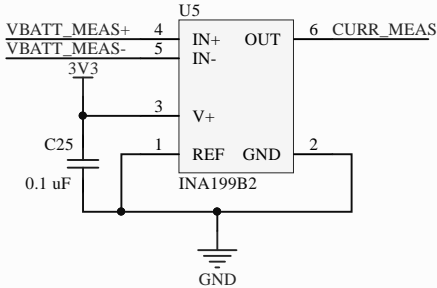


Title			
Fault-Tolerant Quadcopter			
Size	Number	Revision	
A		A	
Date:	11/18/2018	Sheet M	of N
File:	C:\Users\...\outputs.SchDoc	Drawn By: Vaughn Kottler	

External Power Input (3S LiPo)



Overall Current Measurement



Title		
Fault-Tolerant Quadcopter		
Size	Number	Revision
A	Power Distribution	A
Date:	11/18/2018	Sheet M of N
File:	C:\Users\...\raw_input.SchDoc	Drawn By: Vaughn Kottler