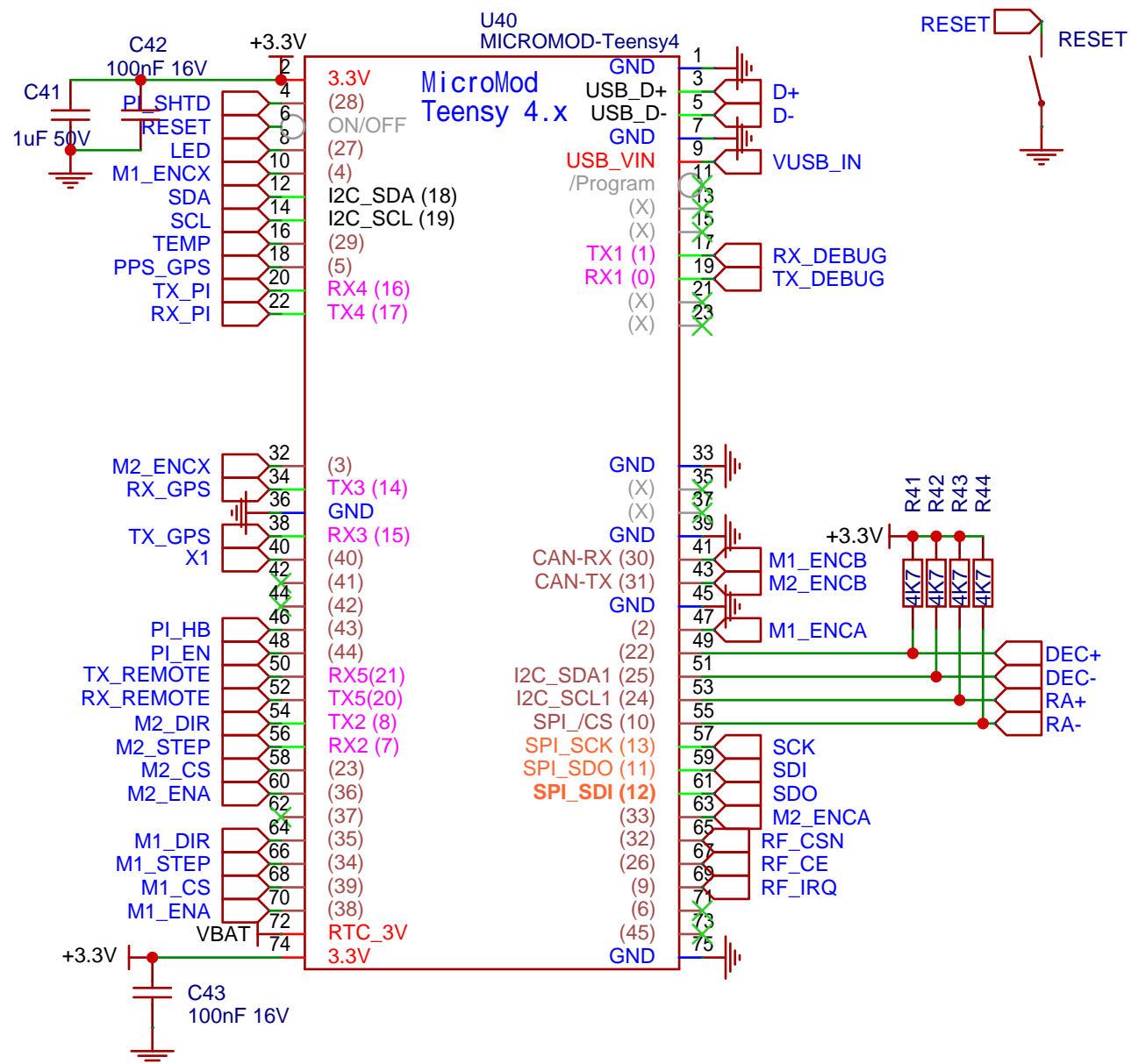
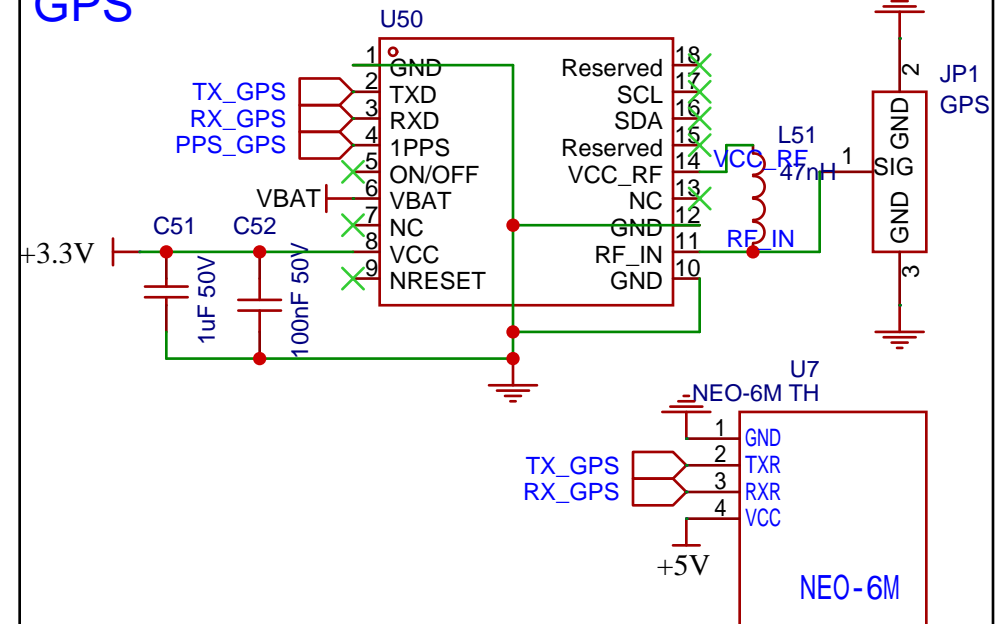


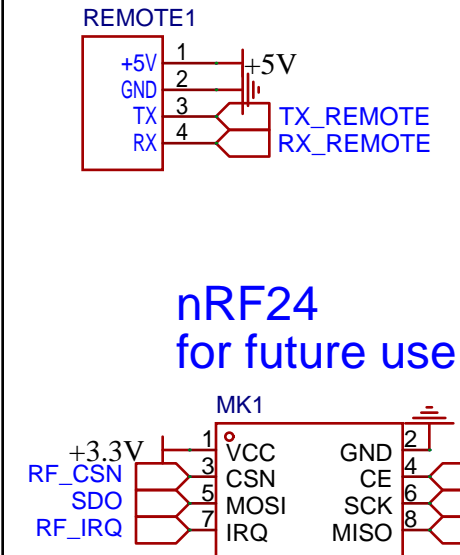
Teensy



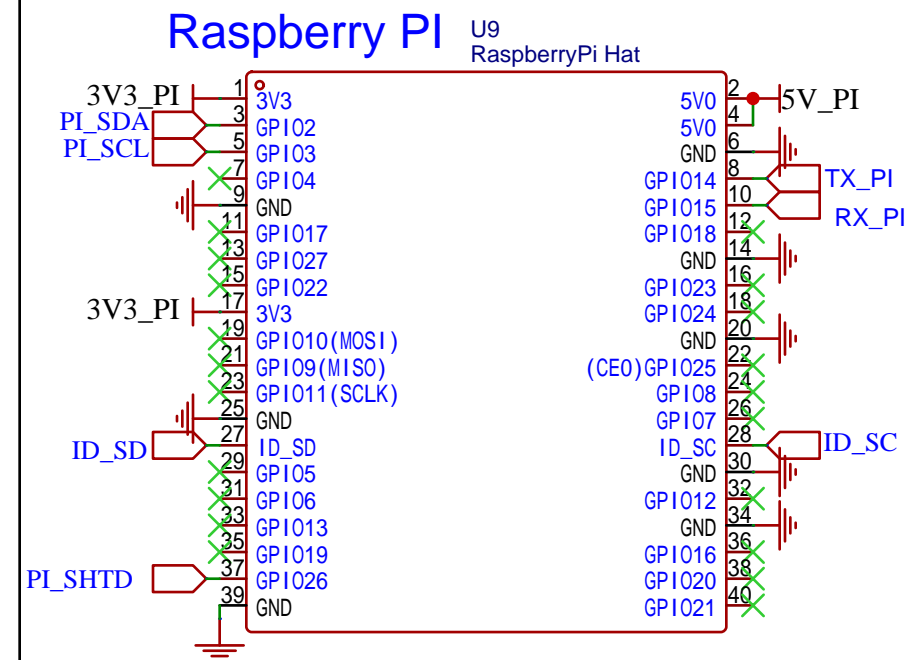
GPS



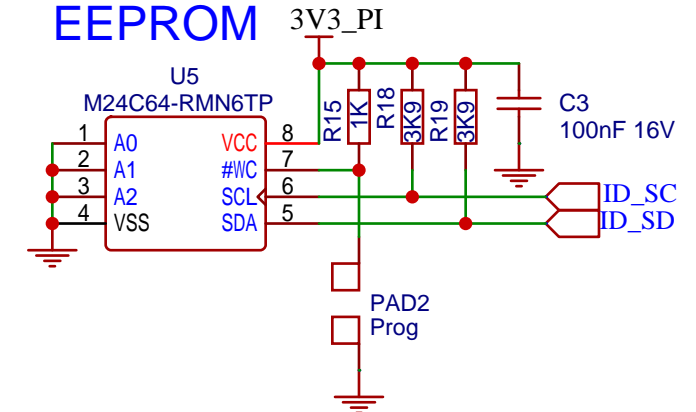
SHC remote



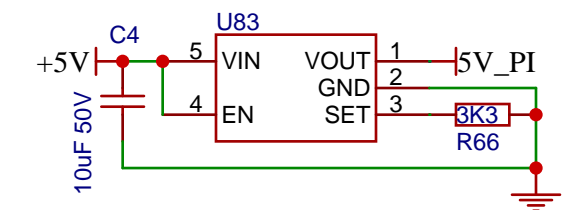
HAT only



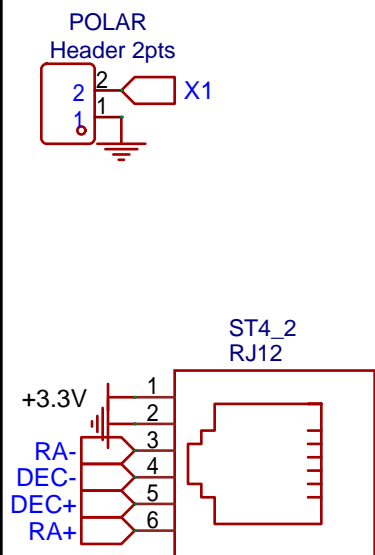
EEPROM



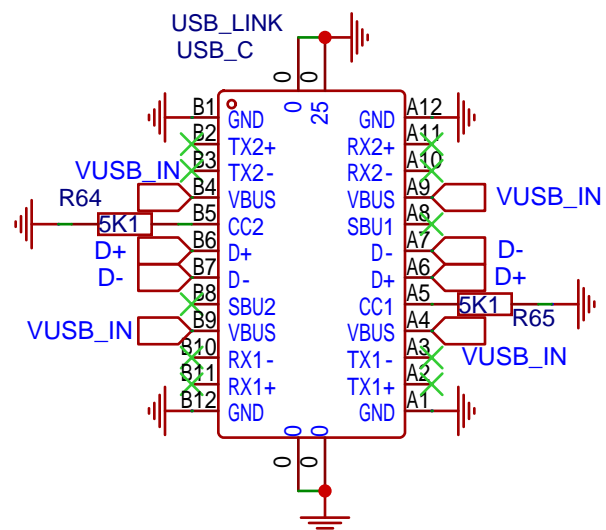
rPI protection




Classic only

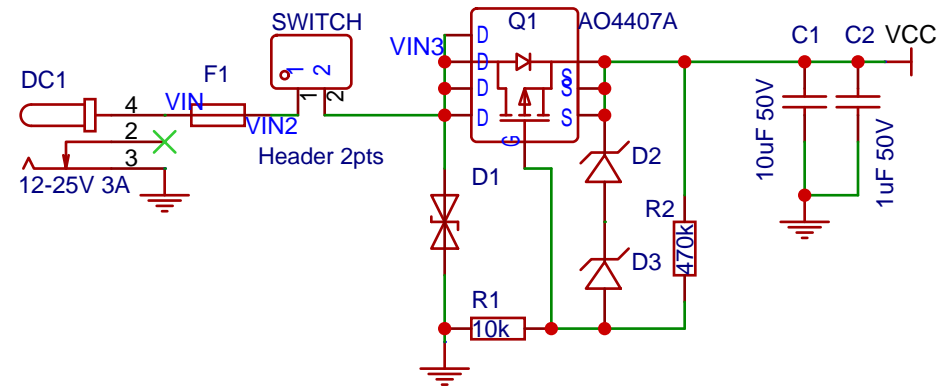


USB

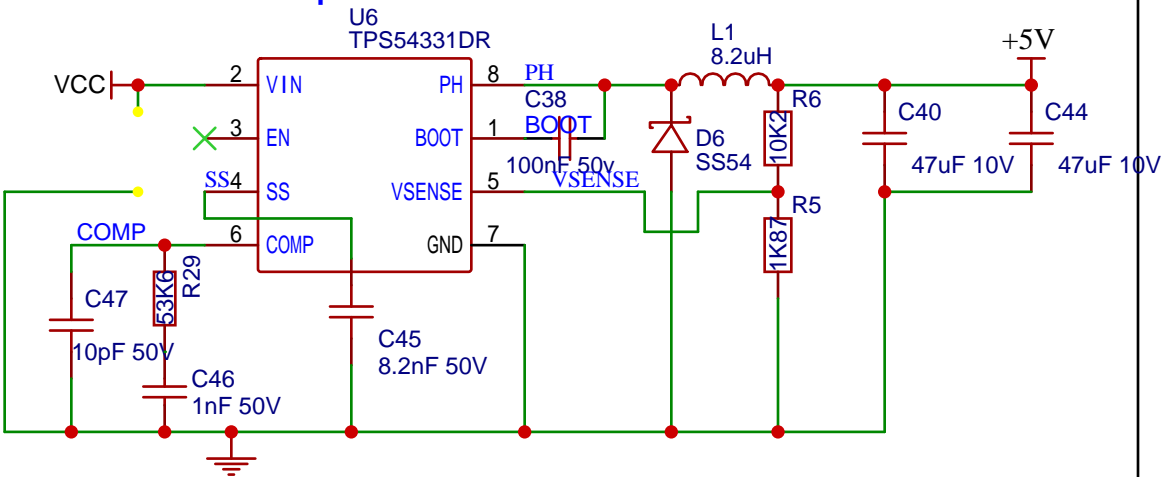


Schematic	Mini			Update Date	2022-07-14
				Create Date	2022-07-11
Page	Teensy			Part Number	
Drawed	lordzurp	TeenAstro v3			
Reviewed	lordzurp				
		VER	SIZE	PAGE	1 OF 3
		V0.9	A4	zUrp Industries	

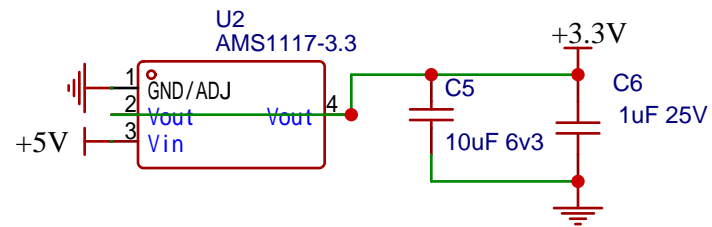
Power reverse protection



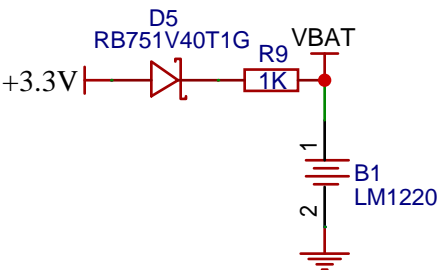
25V -> 5V Step Down



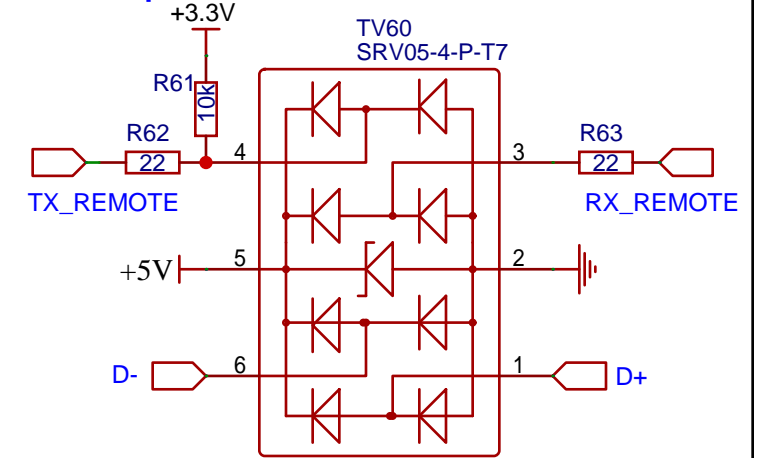
3V3 LDO



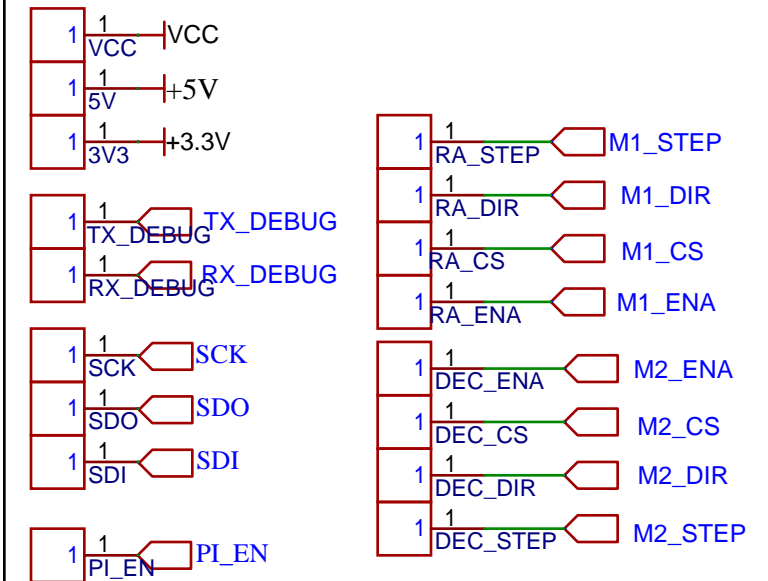
Battery



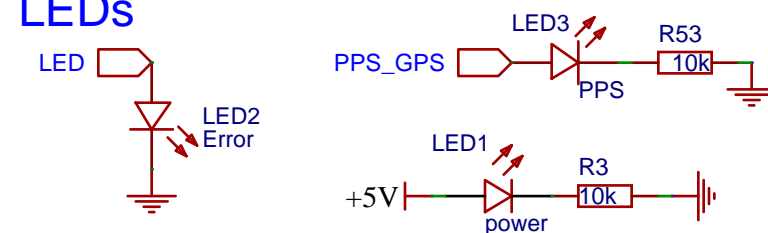
ESD protection



Test Points

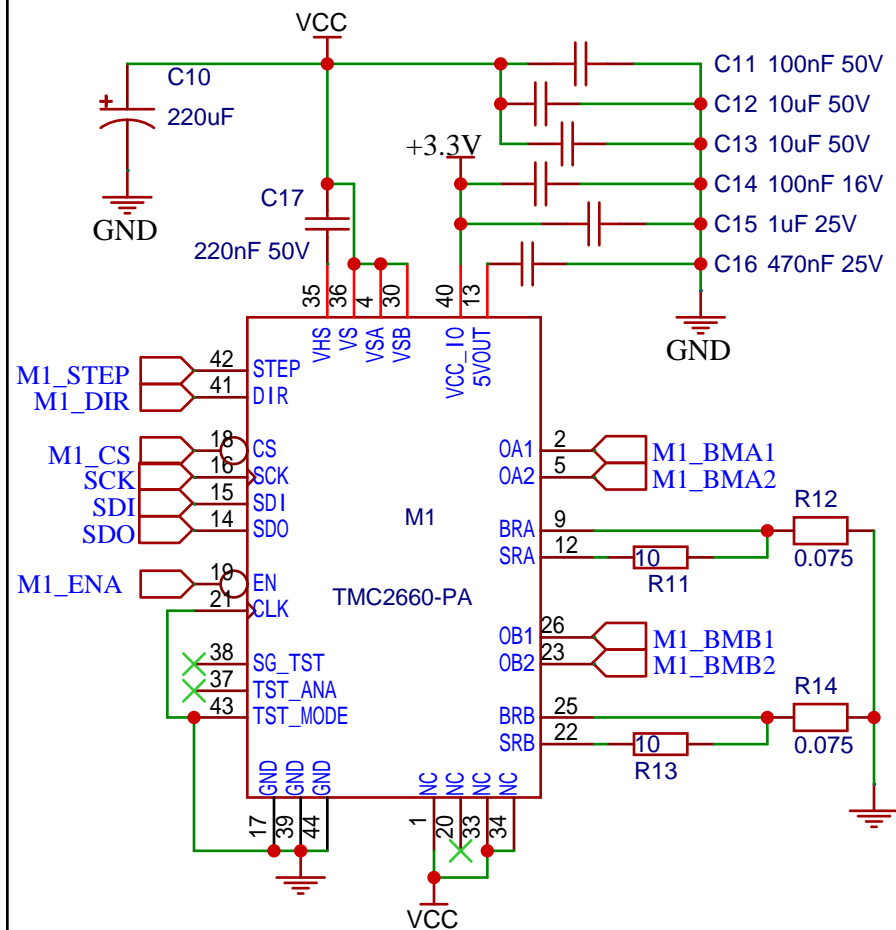


LEDs

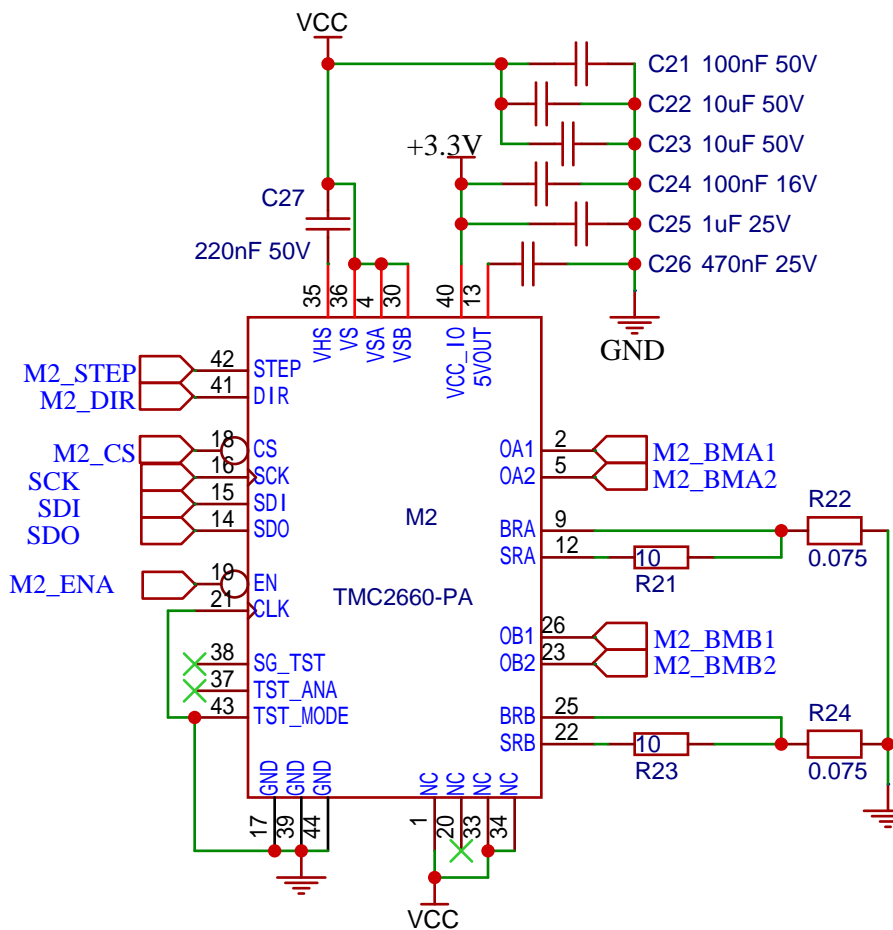


Schematic	Mini			Update Date	2022-07-14
				Create Date	2022-06-27
Page	Power			Part Number	
Drawn	lordzurp	TeenAstro v3			
Reviewed	lordzurp				
		VER	SIZE	PAGE	2 OF 3
		V0.9	A4	zUrp Industries	

Motor 1 (RA/ AZ)

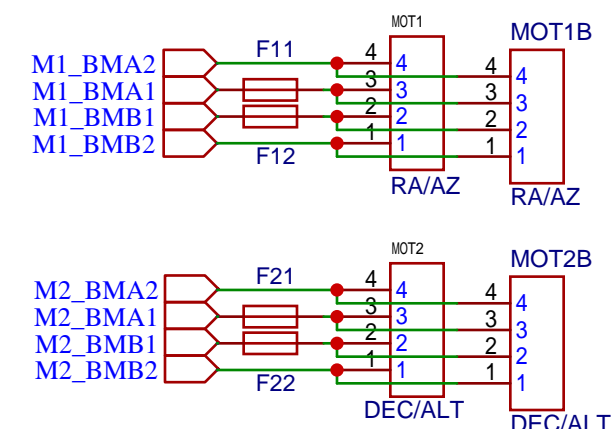


Motor 2 (DEC / ALT)

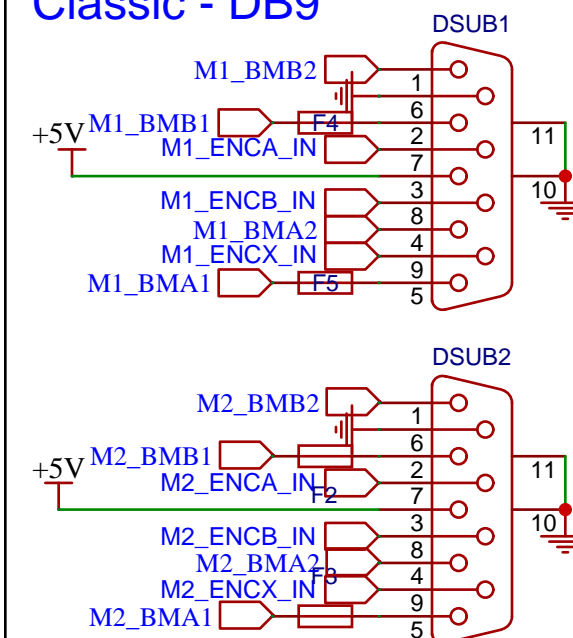


Motors

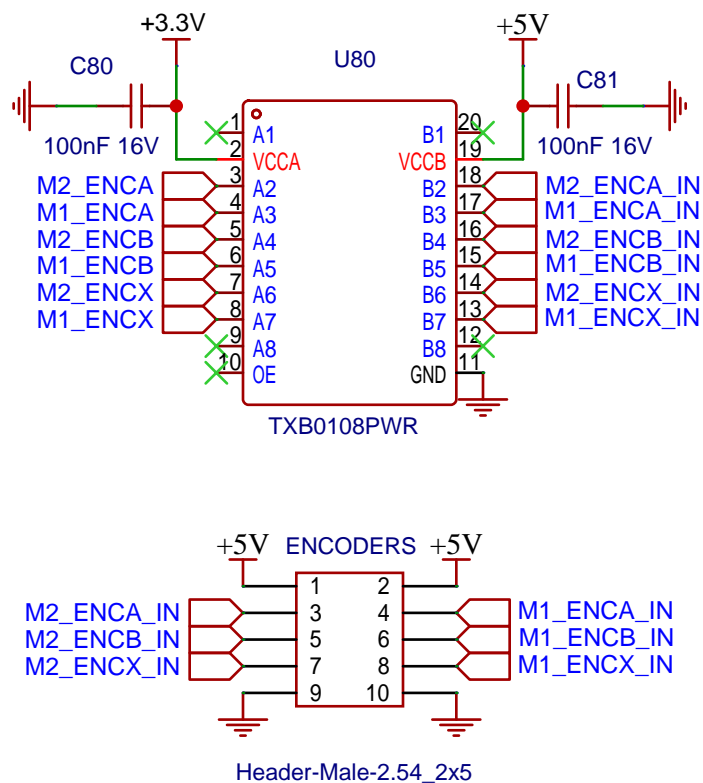
HAT Redux




Classic - DB9



Encoders (level conversion)



Schematic	Mini			Update Date	2022-07-14	
				Create Date	2022-06-27	
Page	Motors			Part Number		
Drawn	lordzurp	TeenAstro v3				
Reviewed	lordzurp					
		VER	SIZE	PAGE	3	OF 3
		V0.9	A4	zUrp Industries		