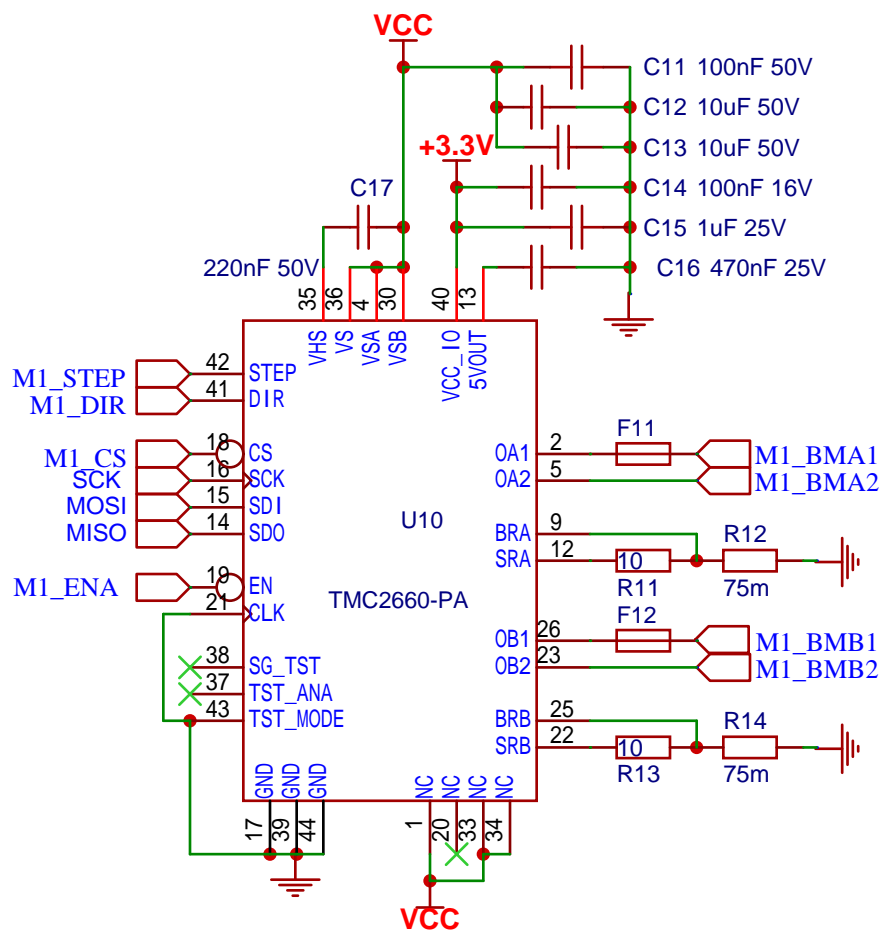
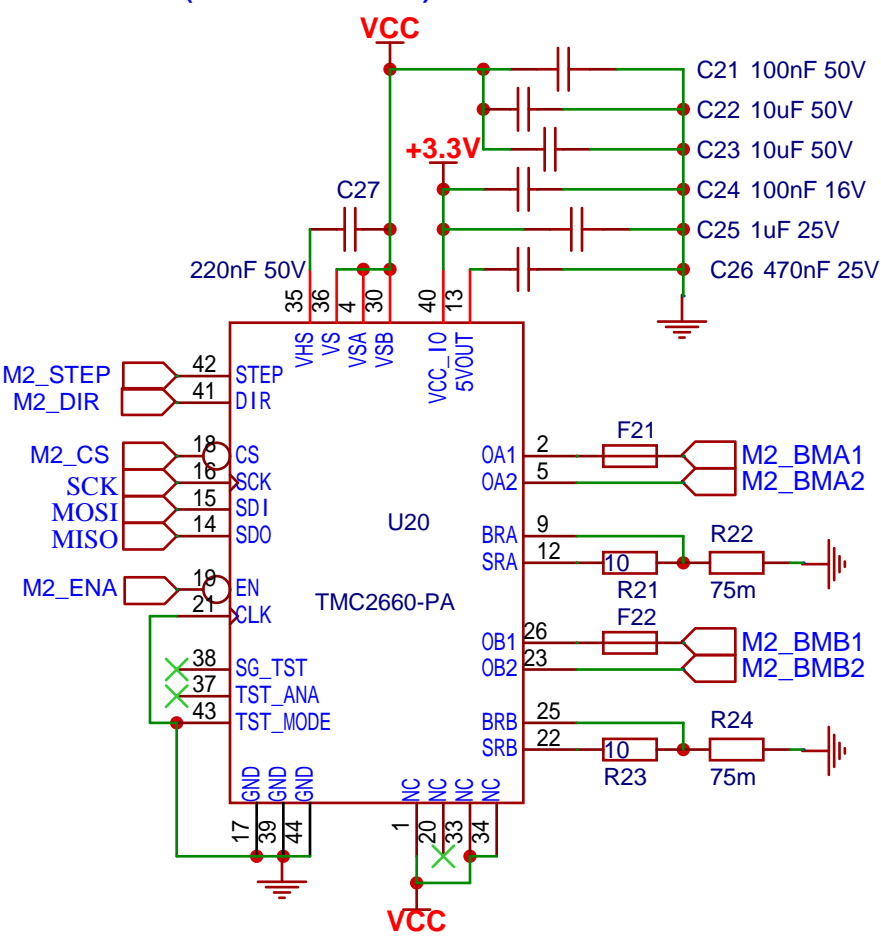


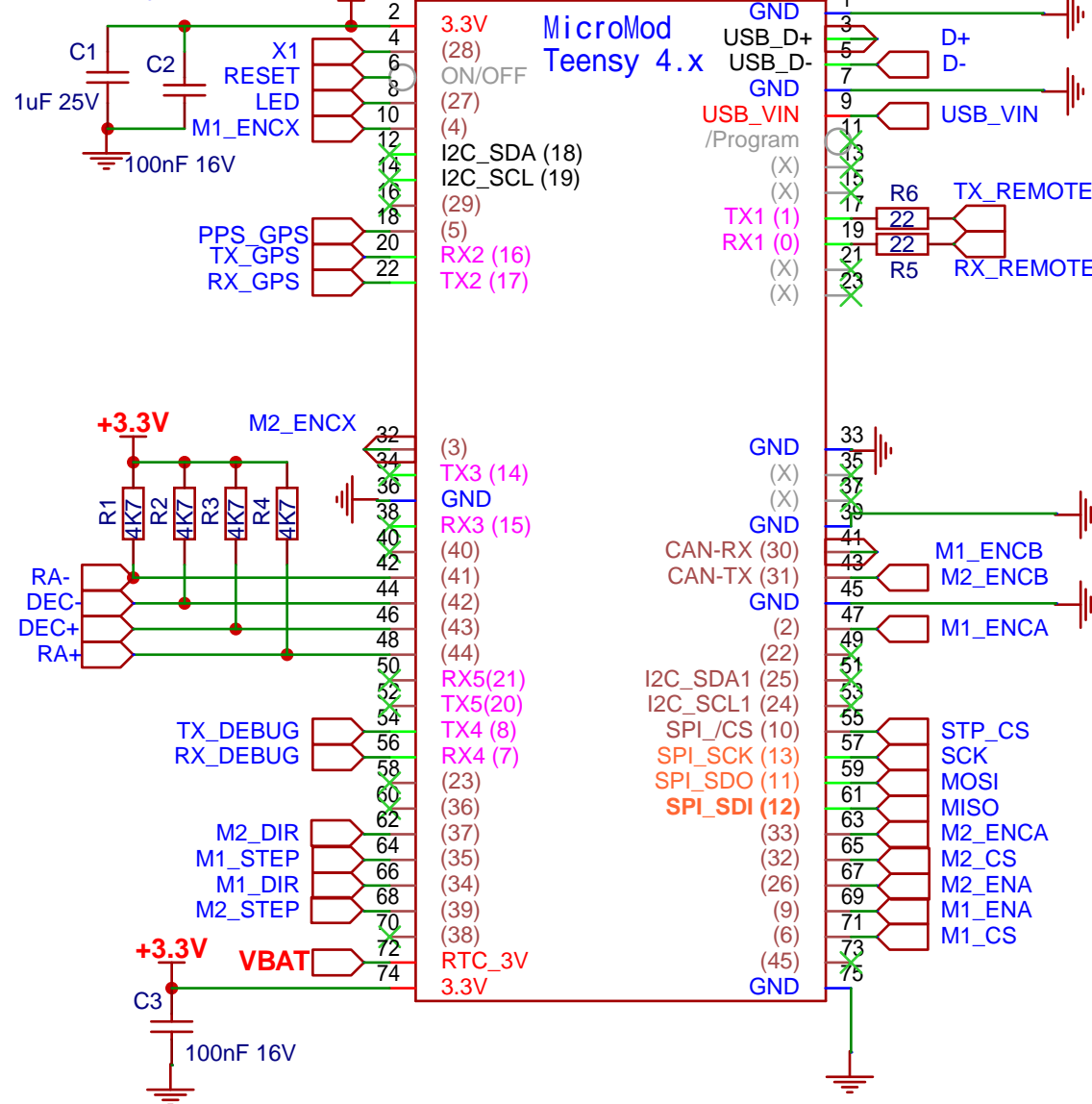
Motor 1 (RA/ AZ)



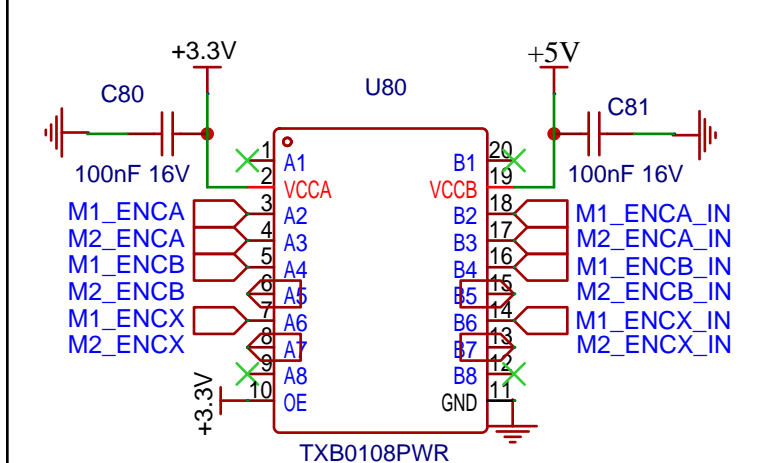
Motor 2 (DEC / ALT)



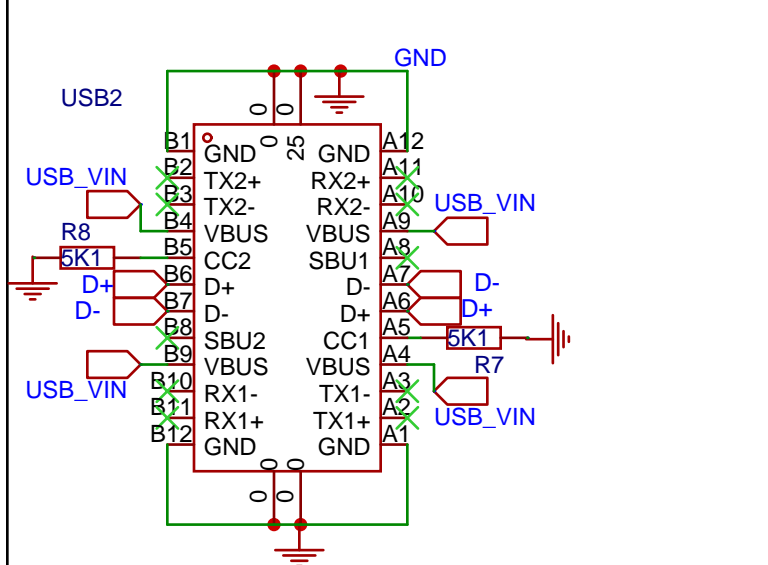
Teensy



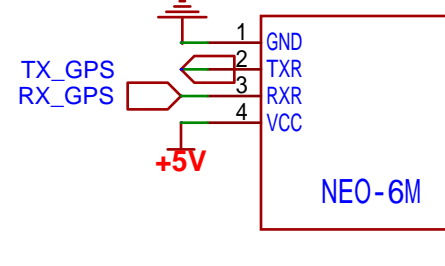
Encoders level conversion



USB_DATA

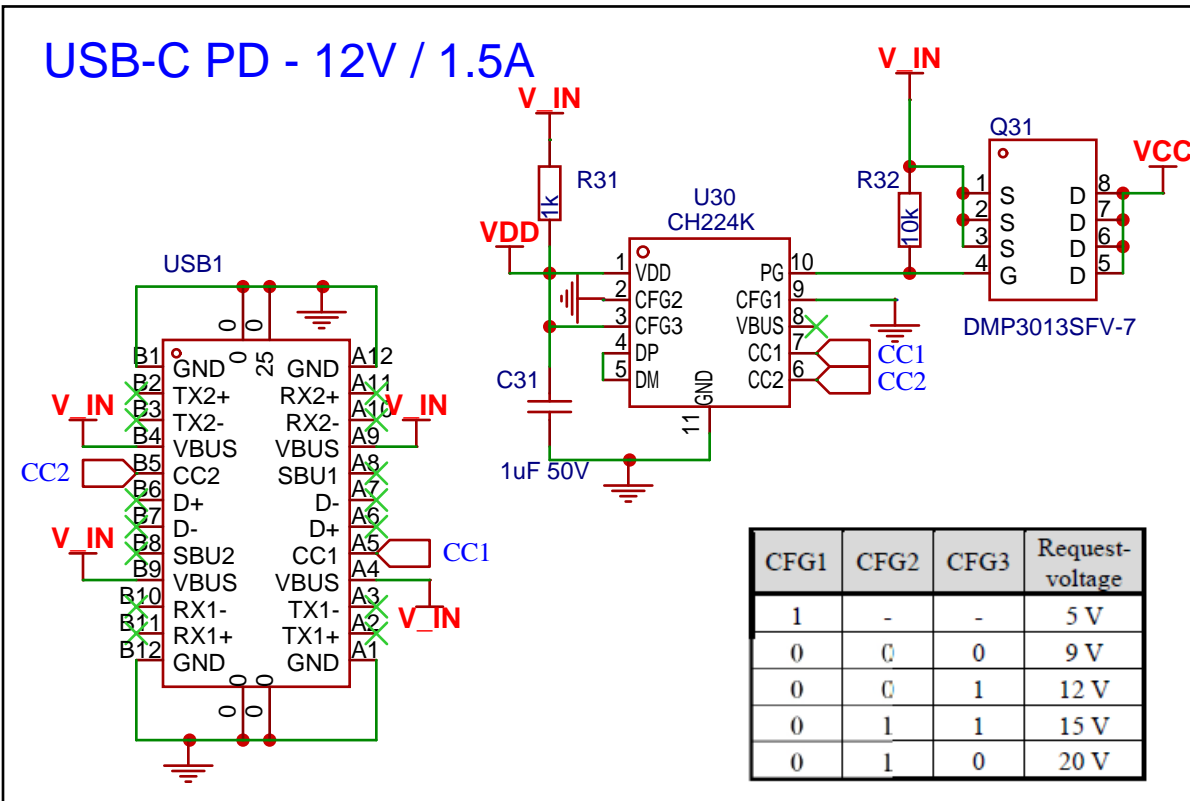


GNSS

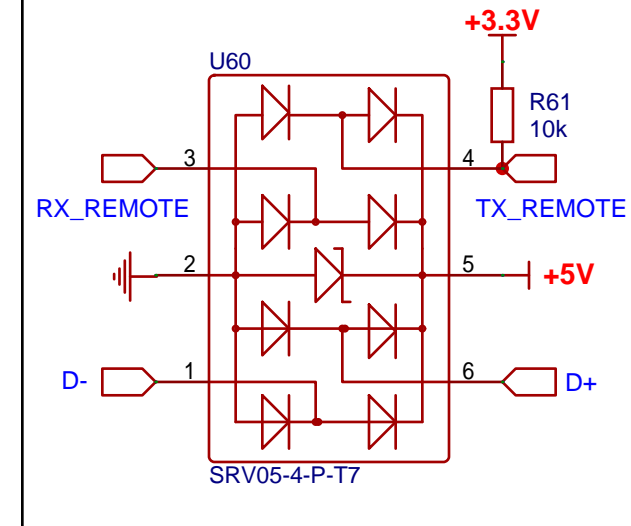


Power IN

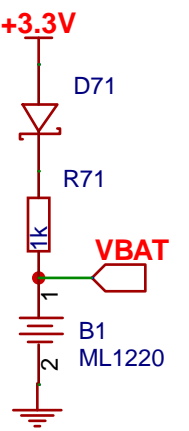
USB-C PD - 12V / 1.5A



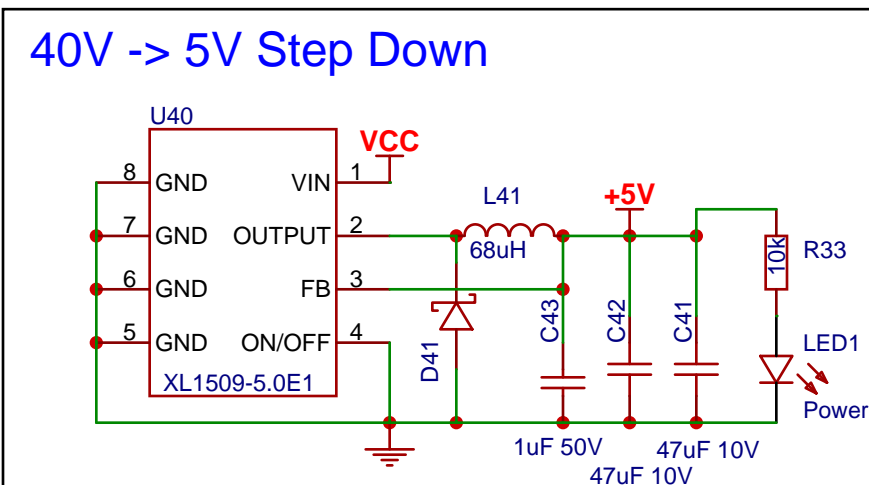
ESD protection



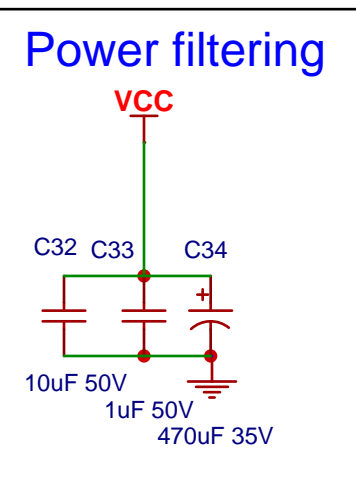
Battery



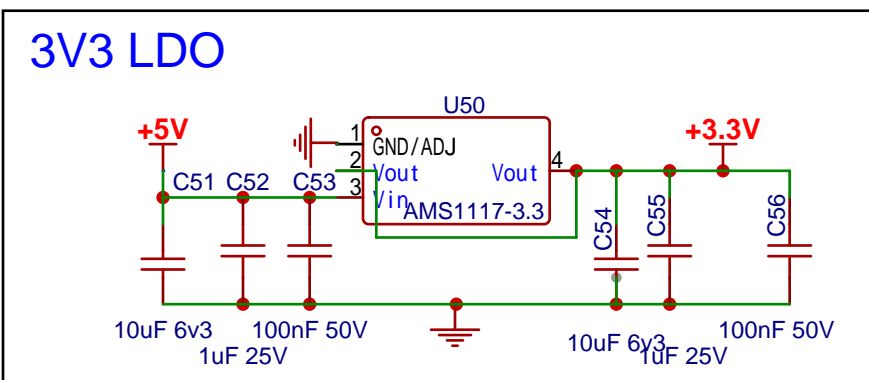
40V -> 5V Step Down



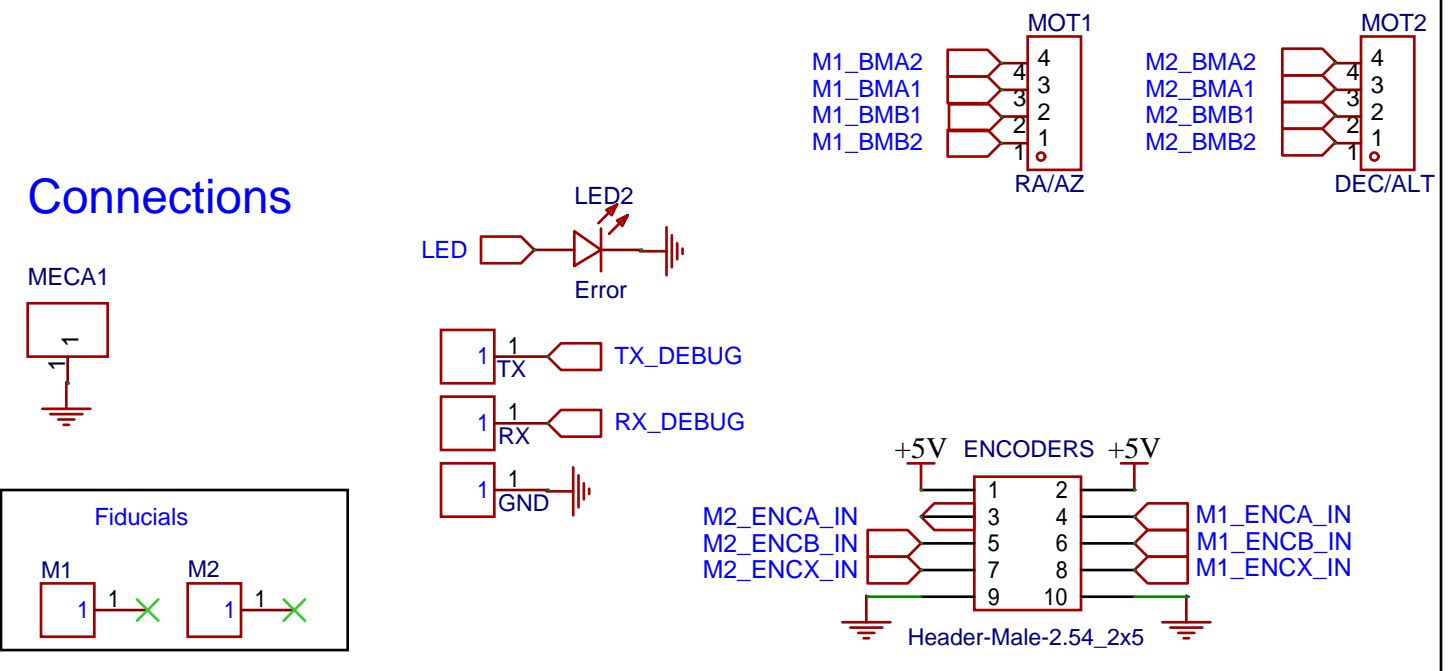
Power filtering



3V3 LDO



Connections



Schematic	Redux USB			Update Date	2023-01-11
				Create Date	2022-12-26
Page	Power			Part Number	Main Unit
Drawn	lordzurp	TeenAstro v2.6.1			
Reviewed	-				
		VER	SIZE	PAGE	2 OF 2
		v2.6.1	A4	zUrp Industries	