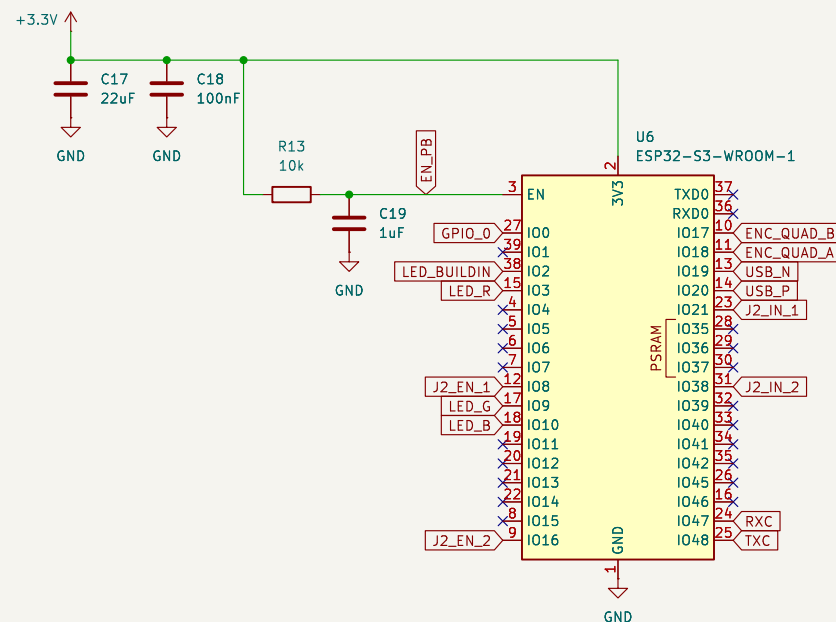
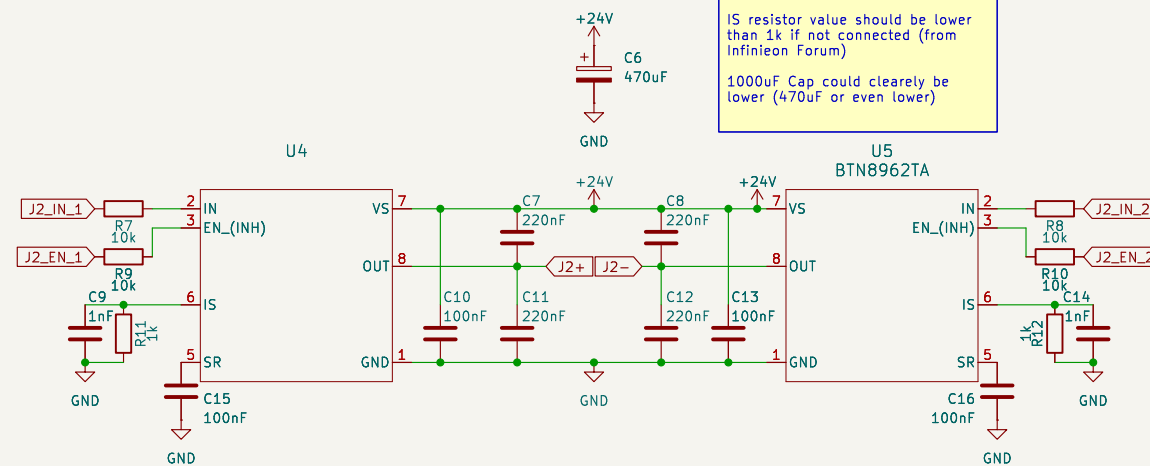
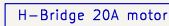
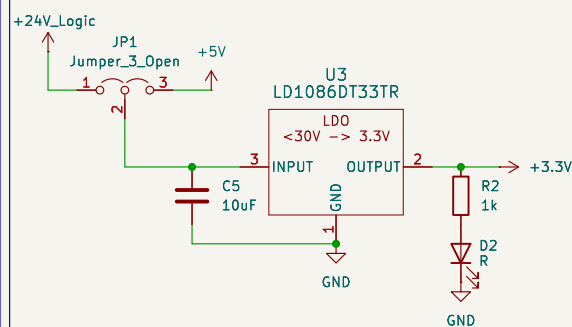
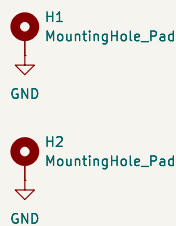
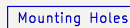
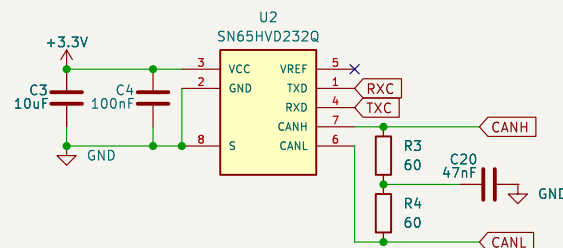
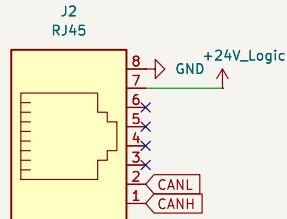
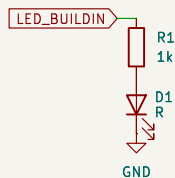
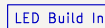
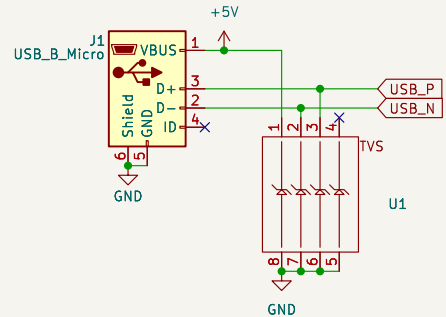
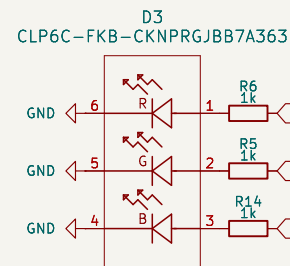
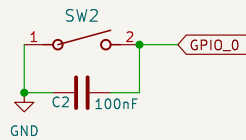
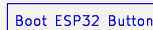
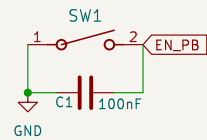




INH Pins on IFX half bridges needs to be pulled high for OP. But should flash low each time they boot to reset the thermalshutdown latch

IS resistor value should be lower than 1k if not connected (from Infineon Forum)

1000uF Cap could clearly be lower (470uF or even lower)

<https://www.digikey.ca/en/products/detail/boyd-laconia-llc/371824B00032G/1216396>

REV4: Updated power connector for xt60 and added better ground current carrying capacity	
REV3: Optimized cooling and changed LDO for 24v or 5v	

Philippe Michaud

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