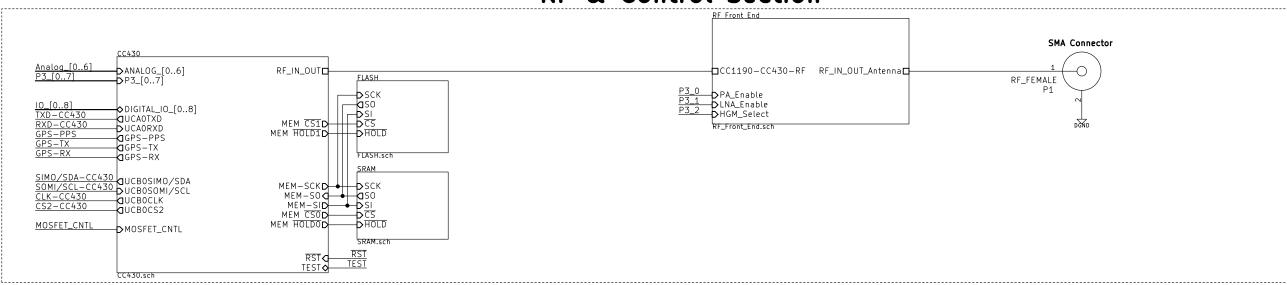
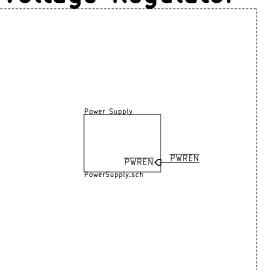
FaradayRF Wireless Module

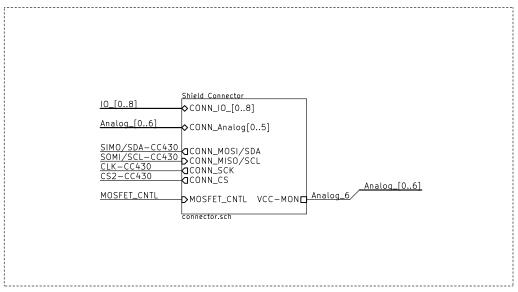
RF & Control Section



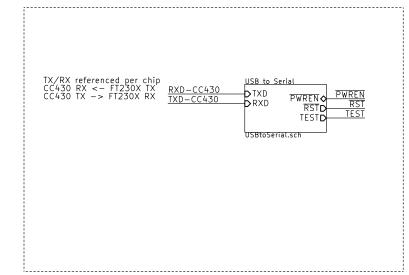
Voltage Regulator



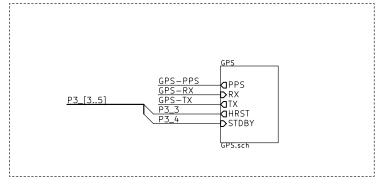
Connectors



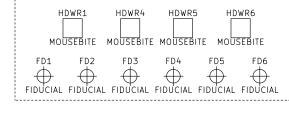
USB <-> UART



GPS Receiver

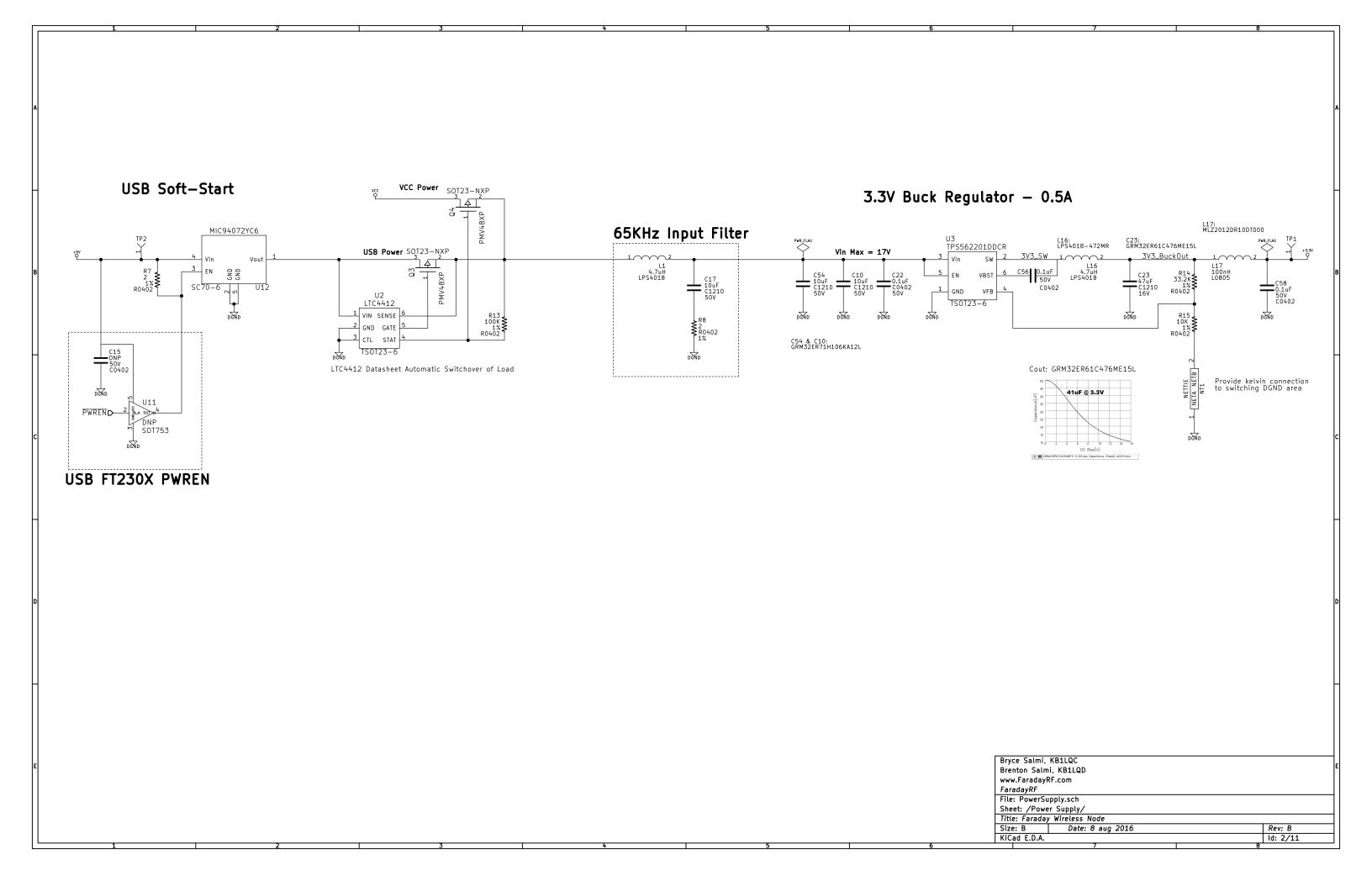


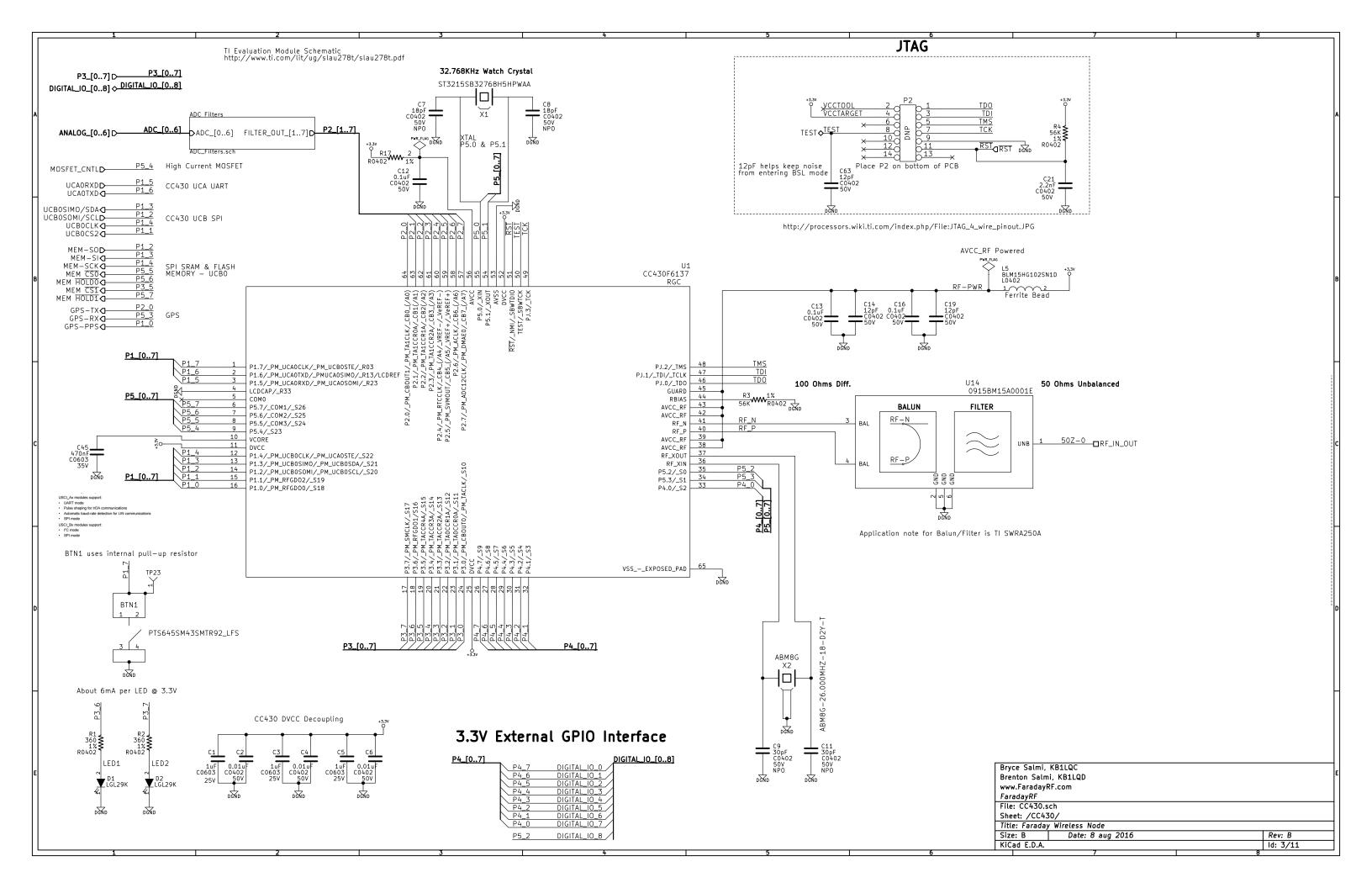
Manufacturing

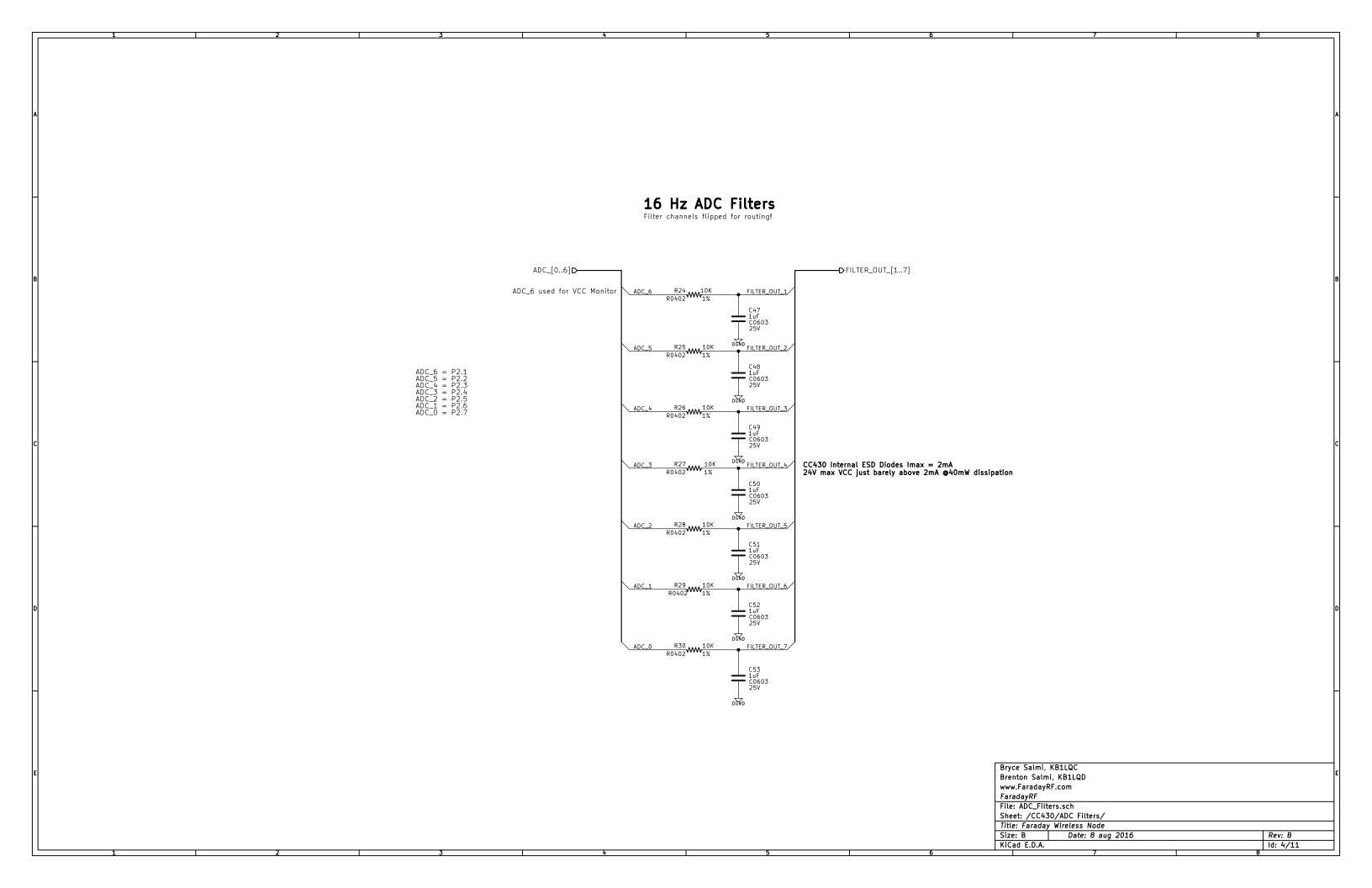


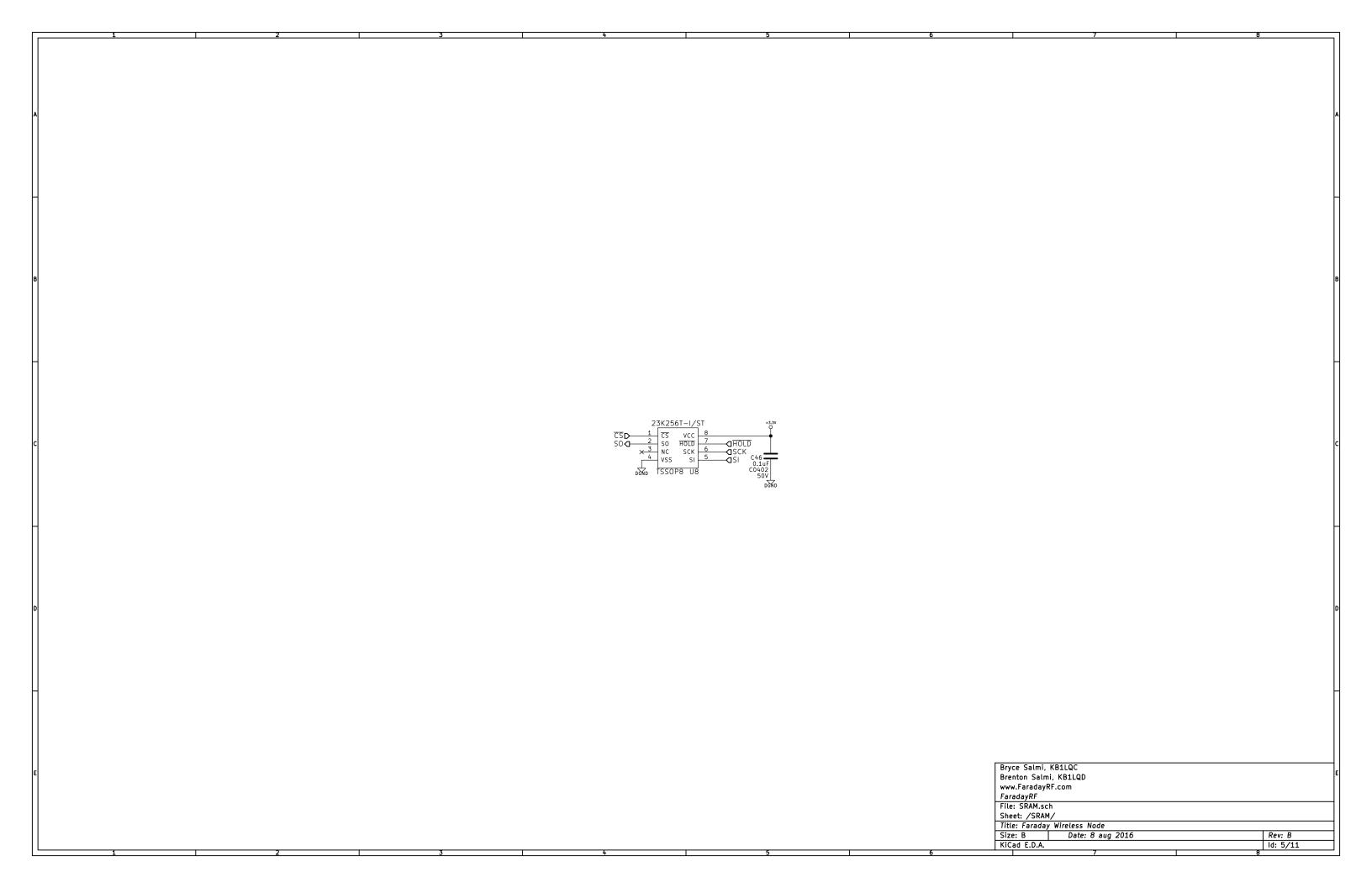
FARADAY

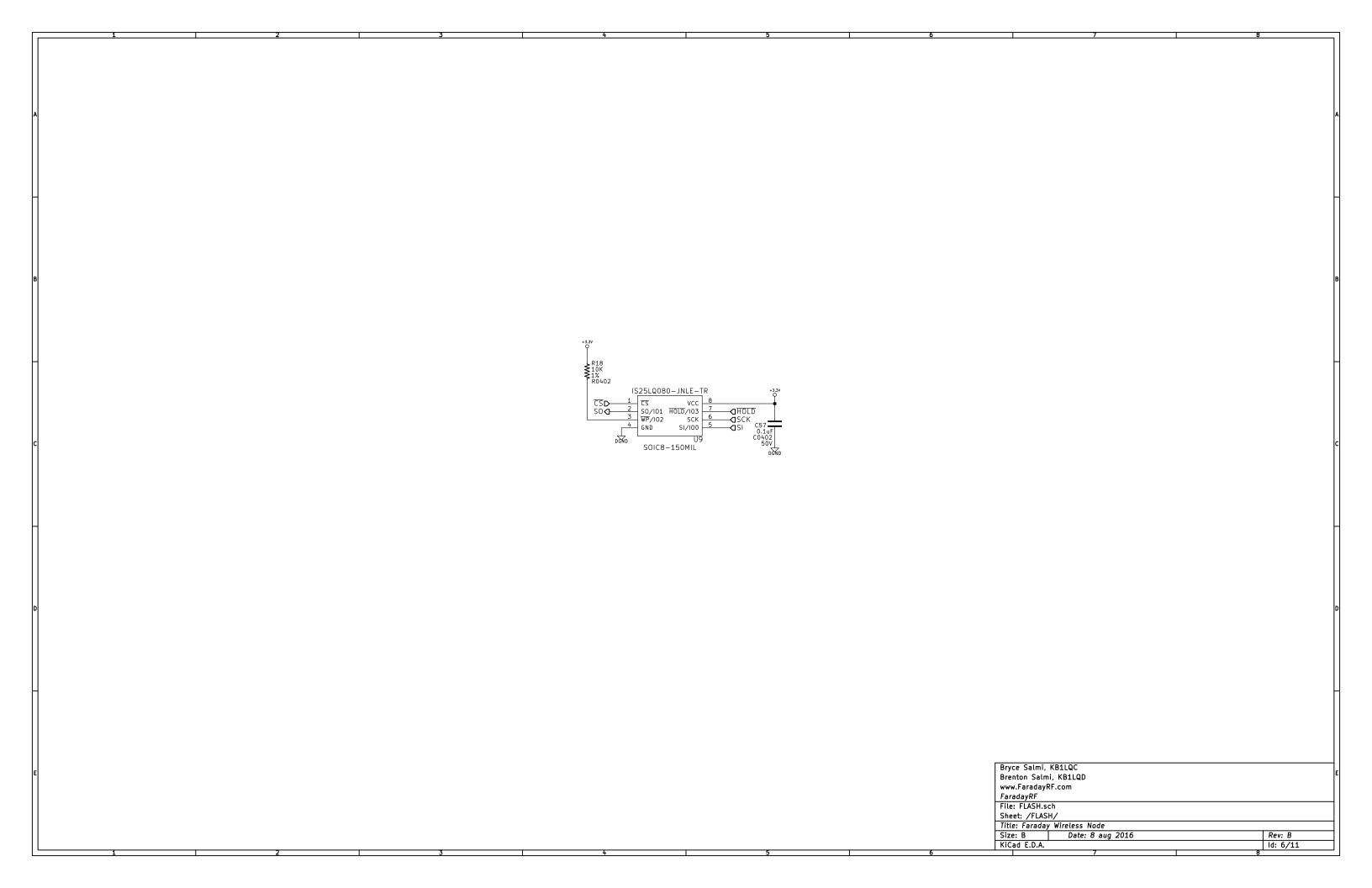
Bryce Salmi, KB1LQC				
Brenton Salmi, KB1LQD				
www.Faradayf				
FaradayRF				
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Size: B	Date: 8 aug 2016		Rev: B	
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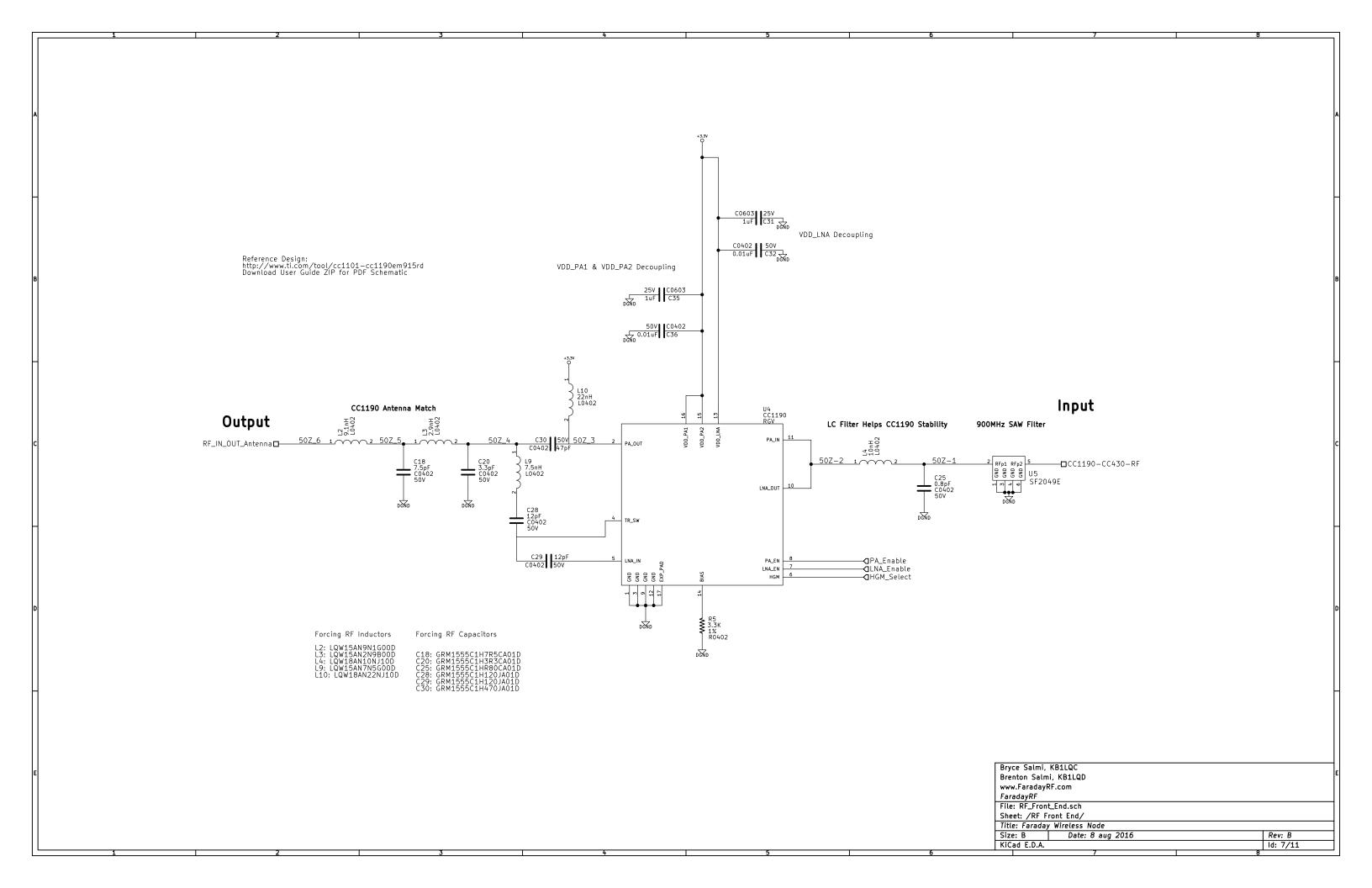


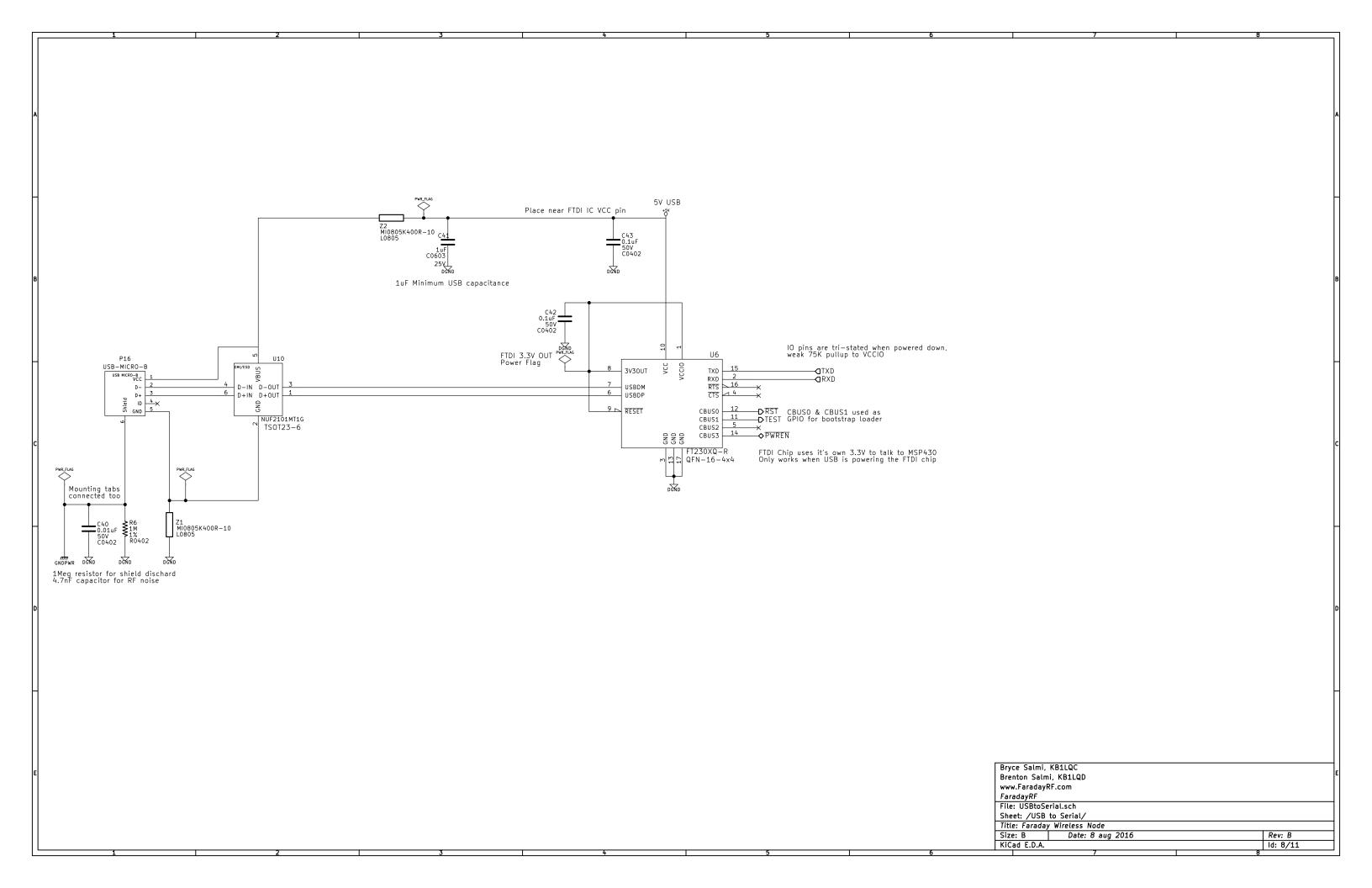


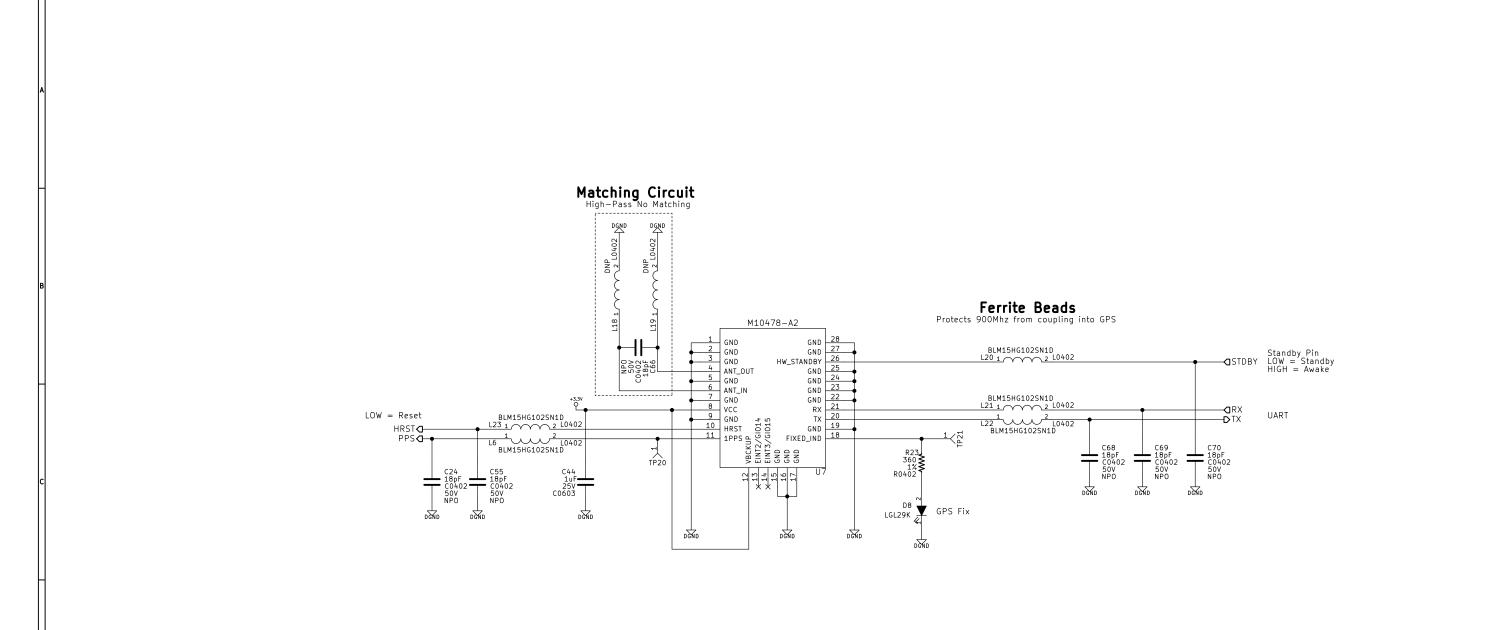




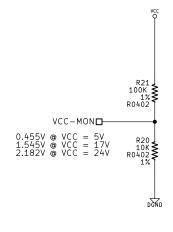




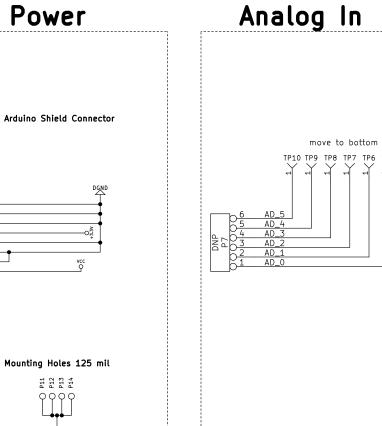




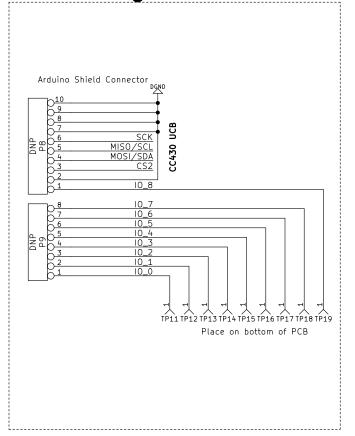
GPS can be DNP'd for cheap version w/ passives soldered allowing for customer to buy GPS afterwards if needed







Digital



10_[0..8] CONN_Analog[0..5]�─

MOSFET_CNTLD MOSFET_CNTL

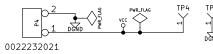
Ext. Power/MOSFET

P11 P12 P13 P14

Connected to USB shield

Molex 2.54mm Pitch

Molex 2.54mm Pitch



Ground is driven

MOSFET_IN MOSFET_CNTL MOS_CNTL

Bryce Salmi, KB1LQC						
Brenton Salm	Brenton Salmi, KB1LQD					
www.FaradayRF.com						
FaradayRF						
File: connector.sch						
Sheet: /Shield Connector/						
Title: Faraday Wireless Node						
Size: B	Date: 8 aug 2016		Rev: B			
KiCad E.D.A.	ld: 10/11					
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