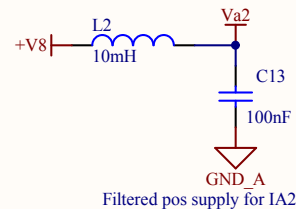
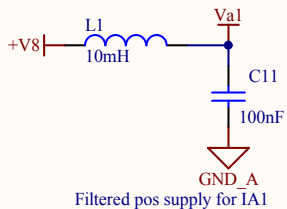
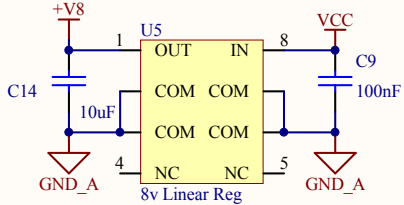
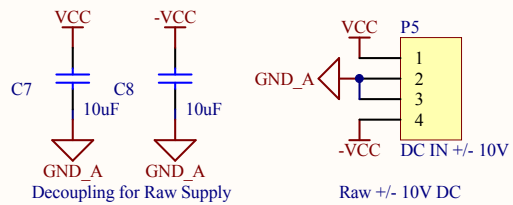


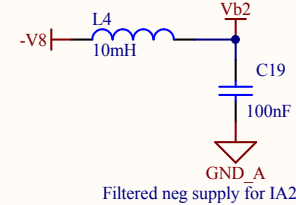
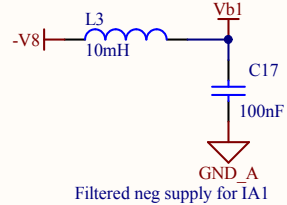
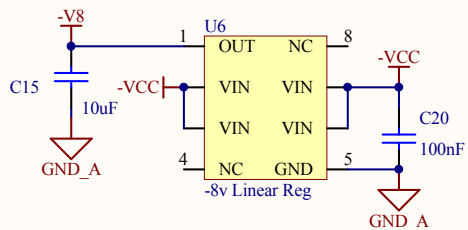
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A



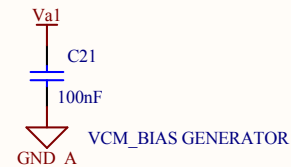
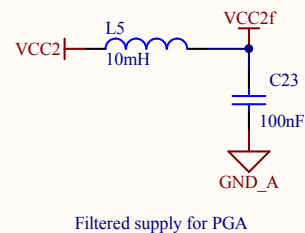
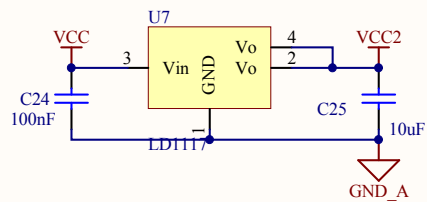
B

B



C

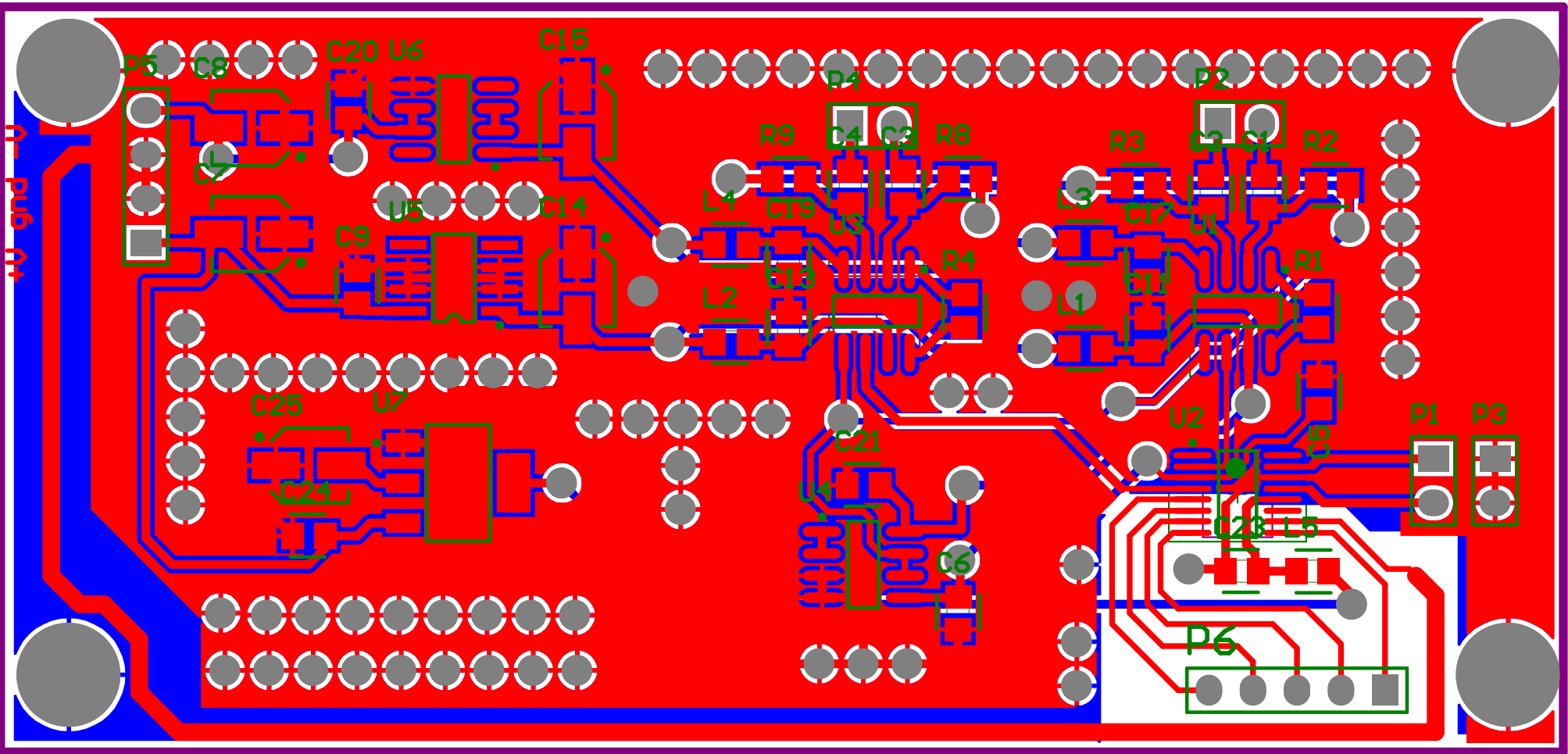
C



D

D

Title		
Size	Number	Revision
A		
Date:	12/8/2015	Sheet of
File:	Z:\npat025\...\power.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1u	Capacitor	C1, C2, C3, C4	CC2012-0805	CAP	4
100n	Capacitor	C5, C6	CC2012-0805	CAP	2
Cap	Capacitor	C7, C8, C14, C15, C25	ece-CAPAE43X54	Cap	5
Cap	Capacitor	C9, C11, C13, C17, C19, C20, C21, C23, C24	CC2012-0805	Cap	9
Inductor	Inductor	L1, L2, L3, L4, L5	CC2012-0805	Inductor	5
Output	Header, 2-Pin	P1	HDR1X2	Header 2	1
Channel 1	Header, 2-Pin	P2	HDR1X2	Header 2	1
GND	Header, 2-Pin	P3	HDR1X2	Header 2	1
Channel 2	Header, 2-Pin	P4	HDR1X2	Header 2	1
DC IN +/- 10V	Header, 4-Pin	P5	HDR1X4	Header 4	1
Digital Interface	Header, 5-Pin	P6	HDR1X5	Header 5	1
49	Resistor	R1, R4	CR2012-0805	Res2	2
200k	Resistor	R2, R3, R8, R9	CR2012-0805	Res2	4
LT1167	Instrumentation amplifier, Low noise	U1, U3	S8_N	LT1167	2
LTC6917	Dual, PGA with serial interface	U2	SSOP-GN	LTC6912	1
LT1678	45MHz, 45V/ $\mu$ s, Dual Rail-to-Rail Input and Output Precision Operational Amplifier	U4	S8_N	LT1632CS8	1
8v Linear Reg		U5	SO-8C	UA78L08	1
-8v Linear Reg		U6	S8_N	L79L08	1
LD1117	LDO, 3.3/5	U7	ECE-SOT223	LD1117D33	1