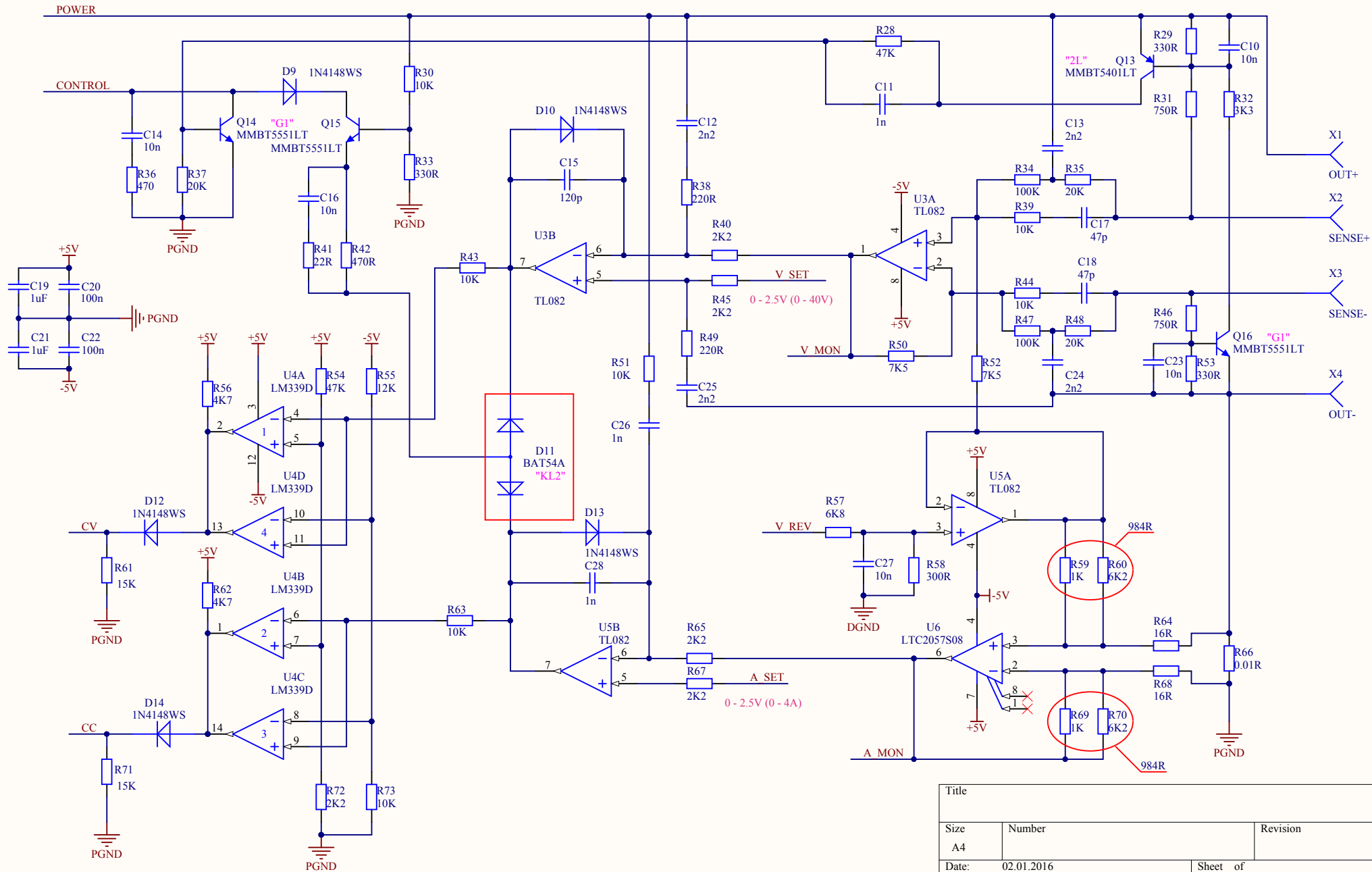
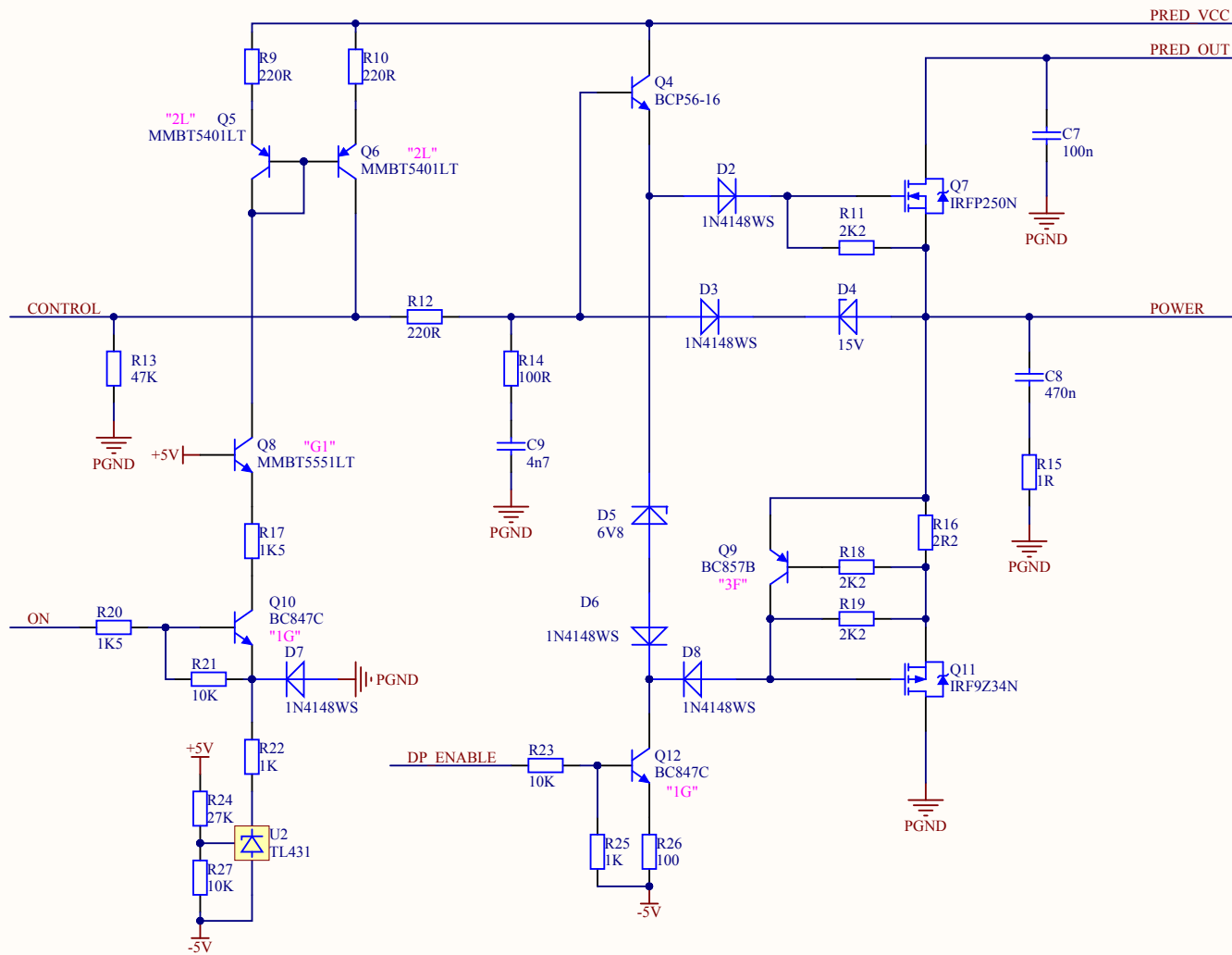


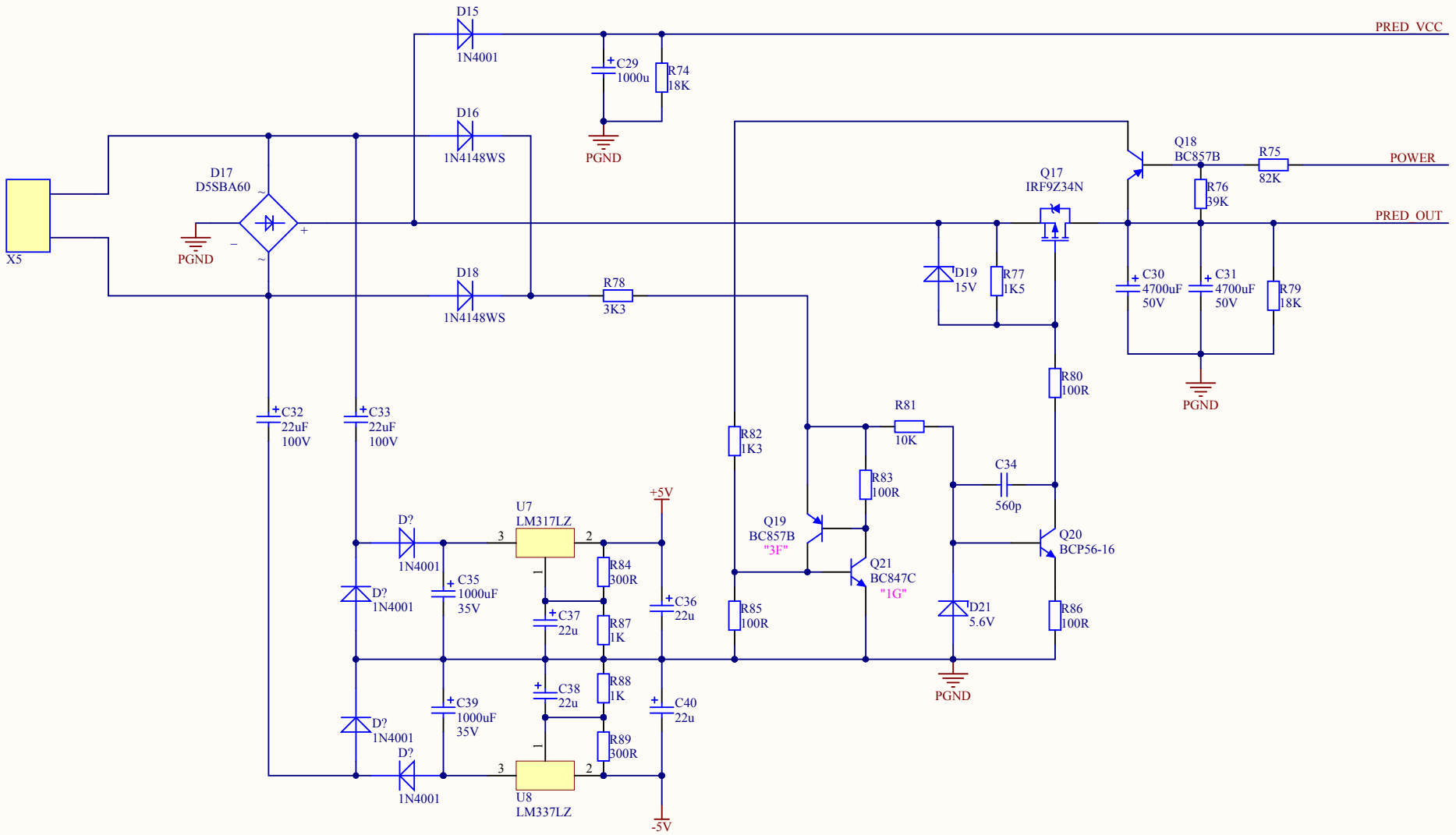
Title		
Size	Number	Revision
A4		
Date:	02.01.2016	Sheet of
File:	E:\Новый БП 2 канала\DAC and ADC.SchDoc By:	



Title		
Size	Number	Revision
A4		
Date:	02.01.2016	Sheet of
File:	E:\Новый БП 2 канала\Linear regulator	By:



Title		
Size	Number	Revision
A4		
Date:	02.01.2016	Sheet of
File:	E:\Новый БП 2 канала\...\Out.SchDoc	Drawn By:



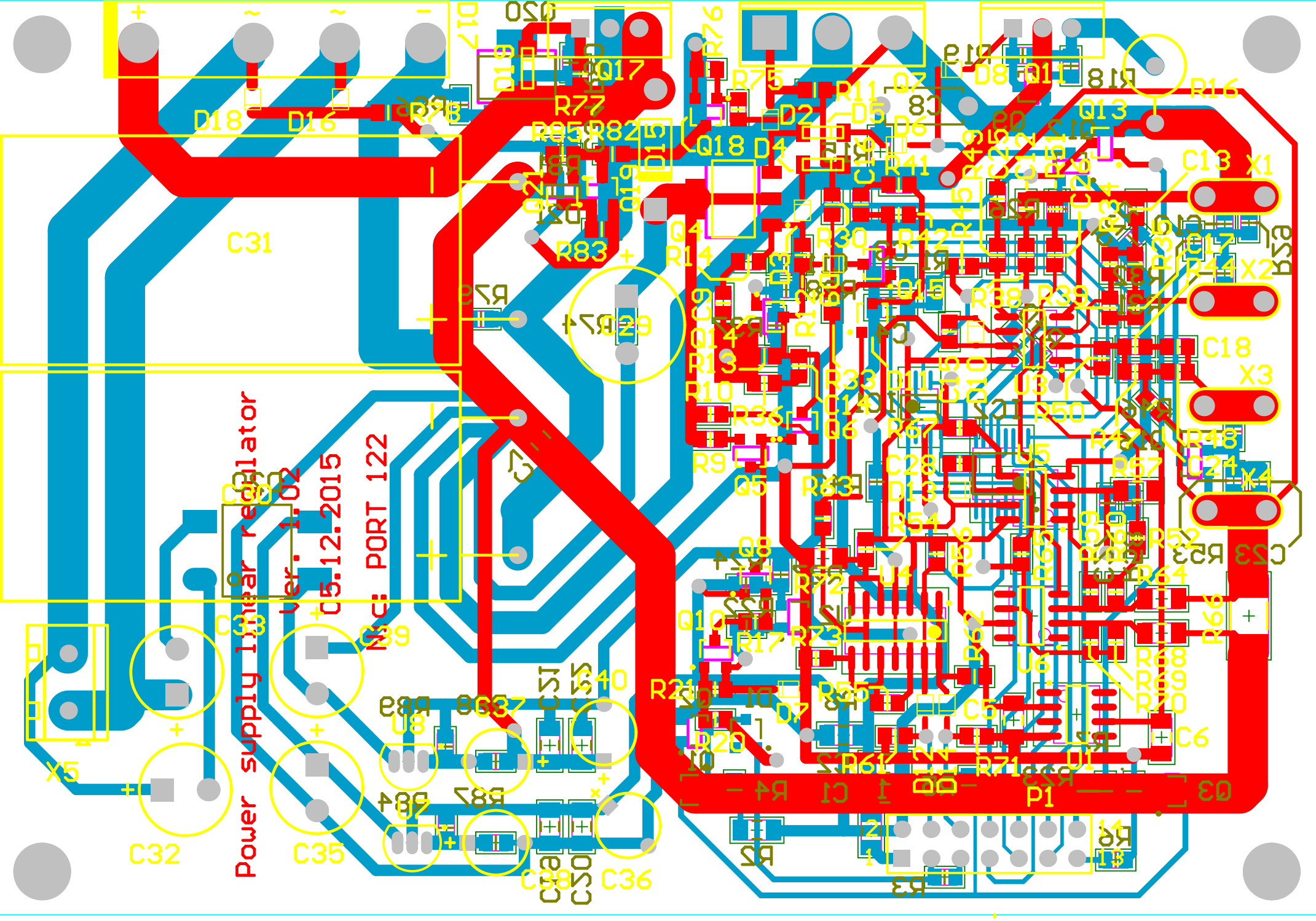
Title		
Size	Number	Revision
A4		
Date:	02.01.2016	Sheet of
File:	E:\Новый БП 2 канала\Pre regulator.SchDoc	

Power supply linear regulator

Ver. 1.02

05.12.2015

NSC: PORT 122



Bill of Materials

<Parameter Title not found>

Source Data From: Пост-регулятор.PrjPcb
 Project: Пост-регулятор.PrjPcb
 Variant: None

Creation Date: 02.01.2016 19:24:52
 Print Date: 42371 42371.80896

Footprint	Comment	LibRef	Designator	Description	Quantity
R1206	Resistor	Resistor	1, R2, R8, R15, R40, R57, R64, R68, R72, R78	Resistor	10
C1206	Cap	Cap	C1, C2, C3, C4, C5, C6, C7, C19, C20, C21, C22	Capacitor	11
CAPR7.62-6.8x3.2	Cap	Cap	C8	Capacitor	1
C0805	Cap	Cap	C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C23, C24, C25, C26, C27, C28, C34	Capacitor	17
CAP 5x10	Cap Pol	Cap Pol	C29	Polarized Capacitor (Radial)	1
CAP 12x40	Cap Pol	Cap Pol	C30, C31	Polarized Capacitor (Radial)	2
CAP 4x8	100V	Cap Pol	C32, C33	Polarized Capacitor (Radial)	2
CAP 4x8	35V	Cap Pol	C35, C39	Polarized Capacitor (Radial)	2
CAP 5x5.6	Cap Pol	Cap Pol	C36, C37, C38, C40	Polarized Capacitor (Radial)	4
318-08	BAT54	BAT54	D1		1
SOD-323	1N4148WS	1N4001	D2, D3, D6, D7, D8, D9, D10, D12, D13, D14, D16, D18	1 Amp General Purpose Rectifier	12
SOD80C	15V	BZV55	D4, D19		2
SOD80C	6V8	BZV55	D5		1
318-08	BAT54A	BAT54A	D11		1
DO-41	1N4001	1N4001	D15, D7, D7, D7, D7	1 Amp General Purpose Rectifier	5
RBV25	D5SBA60	Bridge	D17	Full Wave Diode Bridge	1
SOD80C	5.6V	BZV55	D21		1
S-PDSO-G8	DAC8552	DAC8552	IC1		1
R-PDSO-G16	ADS1120	ADS1120	IC2		1
HDR2X7		Header 7X2	P1	Header, 7-Pin, Dual row	1
318-07	BC557B	BC557B	Q1	PNP	1
318-07	BC546B	BC546B	Q2, Q3	NPN	2
318E-04	BCP56-16	BC546B	Q4, Q20	NPN	2
318-07	MMBT5401LT	BC557B	Q5, Q6, Q13	PNP	3
Super-TO-247AC	IRFP250N	N-MOS	Q7	N-Channel Power MOSFET	1
318-07	MMBT5551LT	BC546B	Q8, Q14, Q15, Q16	NPN	4
318-07	BC857B	BC557B	Q9, Q18, Q19	PNP	3
318-07	BC847C	BC546B	Q10, Q12, Q21	NPN	3
TO-220-AB	IRF9Z34N	P-MOS	Q11, Q17	P-Channel Power MOSFET	2
R0805	Resistor	Resistor	R1, R3, R4, R5, R6, R7, R9, R10, R11, R12, R13, R14, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R58, R5	Resistor	78
Res 1W vert	Resistor	Resistor	R16	Resistor	1
R2512	Resistor	Resistor	R66	Resistor	1
SO-8_N	REF192ES	REF198ES	U1	4.096V, Precision Micropower, Low-Dropout, Voltage Reference	1
318-07	TL431	TL431	U2		1
SO8 182H_N	TL082	TL082	U3, U5	Dual Low-Noise JFET-Input General-Purpose Operational Amplifier, 7 to 36 V, 0 to 70 degC, 8-pin SOP (FW8), Green (RoHS & no Sb/Br)	2
D014_N	LM339D	LM339D	U4	Quaduple Operational Amplifier	1
SOP8_L	LTC2057S08	LTC2057S08	U6	Low-Cost, Low-Power Instrumentation Amplifier	1
TO-92A	LM317LZ	Stabilizator	U7		1
TO-92A	LM337LZ	Stabilizator	U8		1
TA-4.8M	OUT+	connector	X1		1
TA-4.8M	SENSE+	connector	X2		1
TA-4.8M	SENSE-	connector	X3		1
TA-4.8M	OUT-	connector	X4		1
DG306-5.0-02P	razem	razem	X5		1

191

Approved	Notes