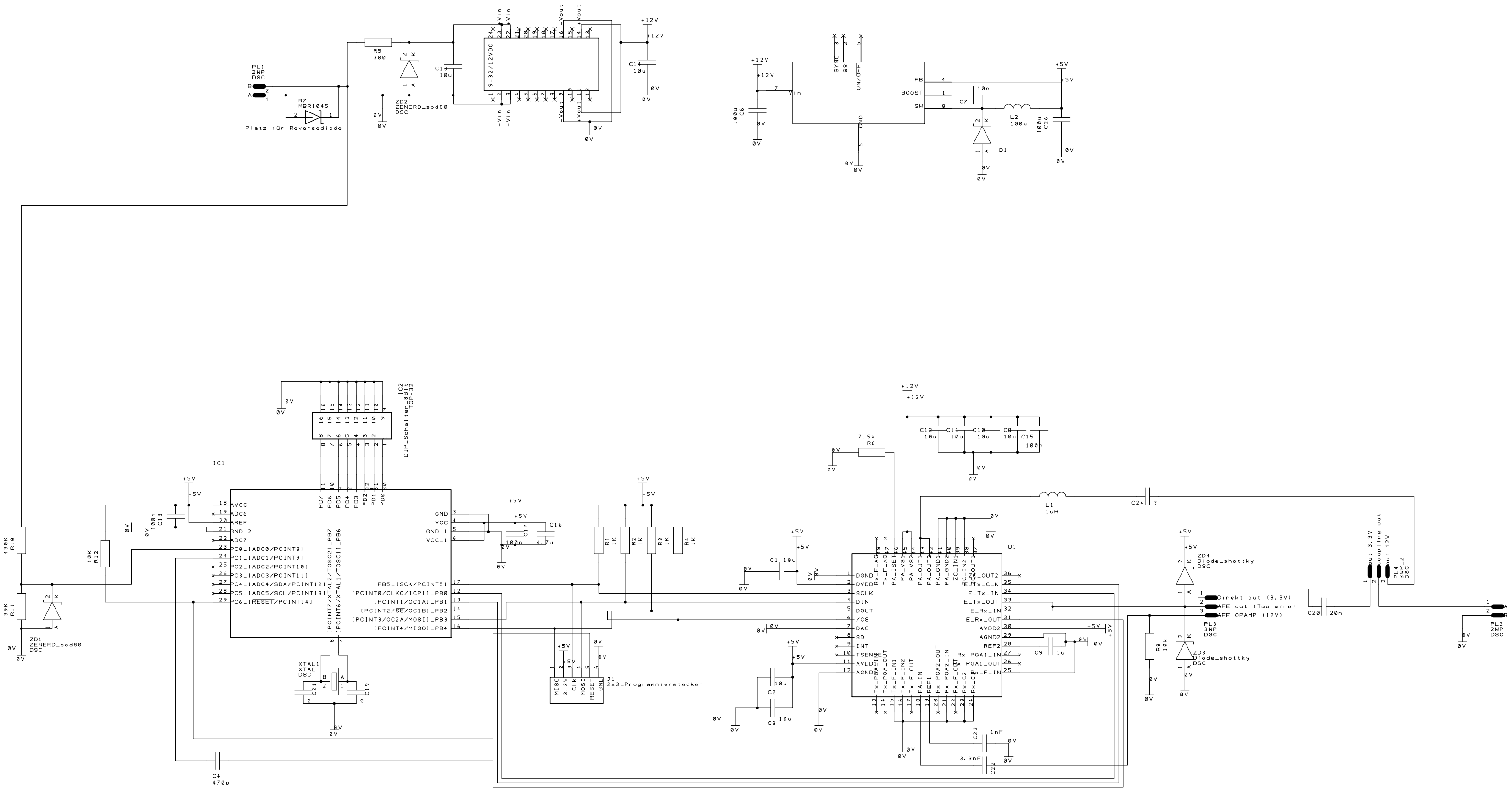
PL1
2WP
DSC
R7
MBR1045
Platz für Reversediode
R5
300
ZD2
ZENERD_sod80
DSC
C13
10u
9-32/12VDC
+Vin
-Vin
+Vout
-Vout
C14
10u
+12V
0V
SYNC
SS
ON/OFF
Vin
GND
FB
BOOST
SW
100u
C6
C7
10n
L2
100u
C26
D1
+5V
IC2
DIP_Schalter_8Bit
TQP-32
IC1
AVCC
ADC6
AREF
GND_2
ADC7
PC0_(ADC0/PCINT8)
PC1_(ADC1/PCINT9)
PC2_(ADC2/PCINT10)
PC3_(ADC3/PCINT11)
PC4_(ADC4/SDA/PCINT12)
PC5_(ADC5/SCL/PCINT13)
PC6_(RESET/PCINT14)
PB5_(SCK/PCINT5)
(PCINT0/CLKO/ICP1)_PB0
(PCINT1/OC1A)_PB1
(PCINT2/SS/OC1B)_PB2
(PCINT3/OC2A/MOSI)_PB3
(PCINT4/MISO)_PB4
(PCINT7/XTAL2/TOSC2)_PB7
(PCINT6/XTAL1/TOSC1)_PB6
GND
VCC
GND_1
VCC_1
PD7
PD6
PD5
PD4
PD3
PD2
PD1
PD0
430K
R10
39K
R11
10K
R12
ZD1
ZENERD_sod80
DSC
C18
100n
XTAL1
XTAL
DSC
C21
C19
C4
470p
C17
100n
C16
4.7u
R1
1K
R2
1K
R3
1K
R4
1K
J1
2x3_Programmierstecker
MISO
3.3V
CLK
MOSI
RESET
GND
7.5k
R6
C12
10u
C11
10u
C10
10u
C8
10u
C15
100n
L1
1uH
C24
?
U1
DOND
DVDD
SCLK
DIN
DOUT
/CS
DAC
SD
INT
TSENSE
AVDD1
AGND1
Rx_FLAG
Tx_FLAG
PA_ISET
PA_VS1
PA_VS2
PA_OUT1
PA_OUT2
PA_GND1
PA_GND2
ZC_IN1
ZC_IN2
ZC_OUT1
ZC_OUT2
E_Tx_CLK
E_Tx_IN
E_Tx_OUT
E_Rx_IN
E_Rx_OUT
AVDD2
AGND2
REF2
Rx PGA1_IN
Rx PGA1_OUT
Rx_F_IN
Tx_PGA_OUT
Tx_F_IN1
Tx_F_IN2
Tx_F_OUT
PA_IN
REF1
Rx PGA2_OUT
Rx PGA2_IN
Rx_F_OUT
Rx_C2
Rx_C1
C1
10u
C2
10u
C3
10u
C9
1u
C23
1nF
C22
3.3nF
ZD4
Diode_shottky
DSC
ZD3
Diode_shottky
DSC
R8
10k
Direkt out (3.3V)
AFE out (Two wire)
AFE OPAMP (12V)
PL3
3WP
DSC
C20
20n
out 3.3V
coupling out
out 12V
PL4
3WP_2
DSC
PL2
2WP
DSC