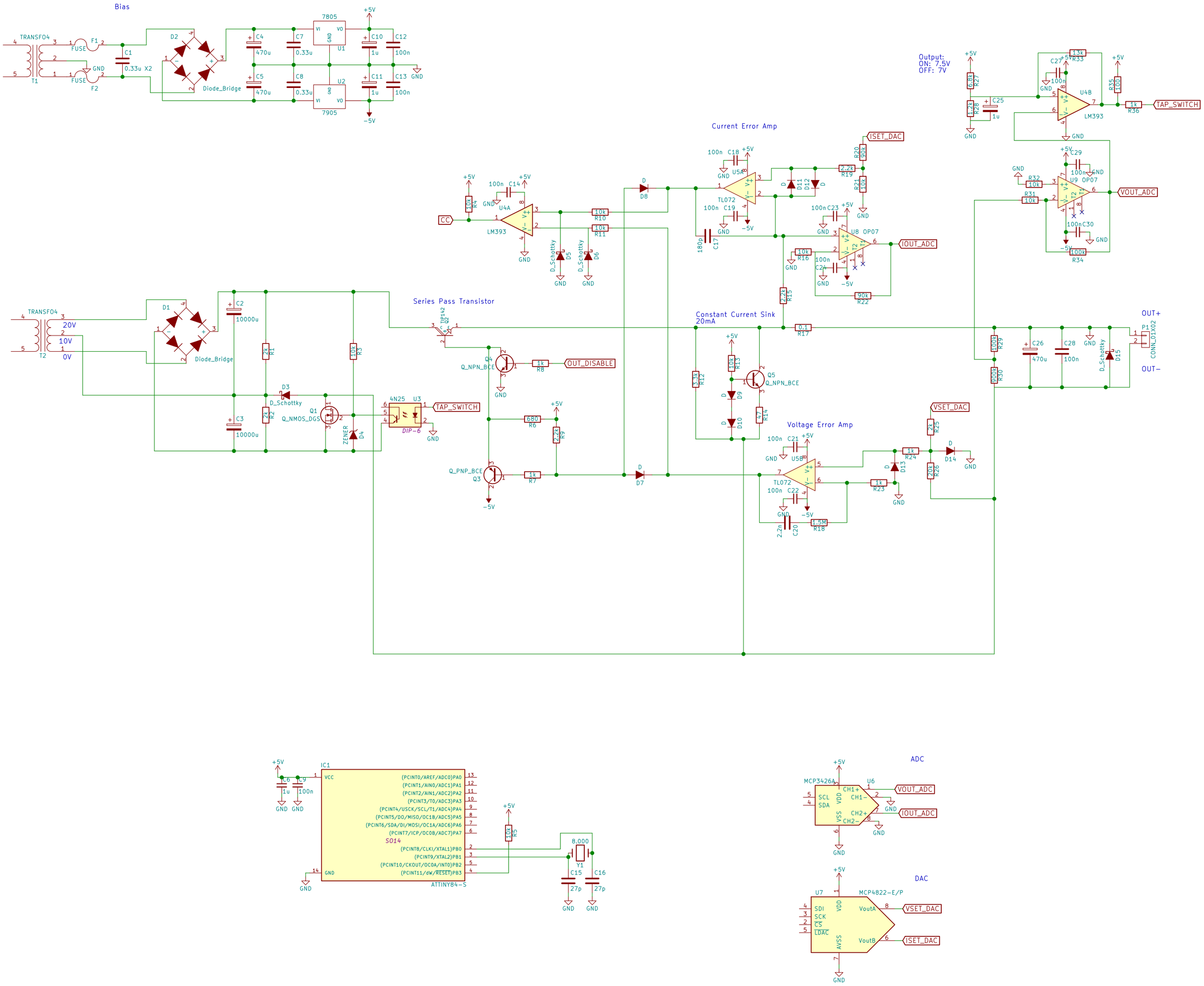
Bias
TRANSFO4
FUSE
F1
F2
C1
0.33u X2
D2
Diode_Bridge
7805
7905
U1
U2
C4
C5
C7
C8
C10
C11
C12
C13
470u
0.33u
1u
100n
+5V
-5V
GND
Current Error Amp
CC
LM393
U4A
TL072
U5A
U5B
U8 OP07
ISET_DAC
IOUT_ADC
Output:
ON: 7.5V
OFF: 7V
U4B
U9 OP07
VOUT_ADC
TAP_SWITCH
Series Pass Transistor
Constant Current Sink
20mA
OUT+
OUT-
CONN_01X02
TRANSFO4
20V
10V
0V
T2
D1
Diode_Bridge
C2
10000u
C3
D3
D_Schottky
Q1
Q_NMOS_DGS
ZENER
D4
4N25
U3
DIP-6
Q_NPN_BCE
Q_PNP_BCE
Q3
Q4
Q5
OUT_DISABLE
Voltage Error Amp
TL072
U5B
VSET_DAC
ADC
MCP3426A
U6
SCL
SDA
DAC
MCP4822-E/P
U7
SDI
SCK
CS
LDAC
VoutA
VoutB
IC1
ATTINY84-S
SO14
8.000
Y1
C15
C16
27p