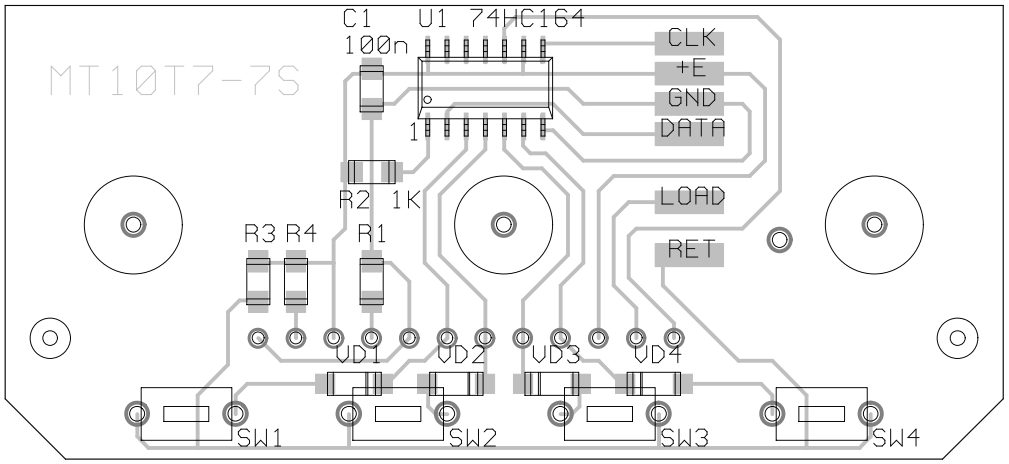
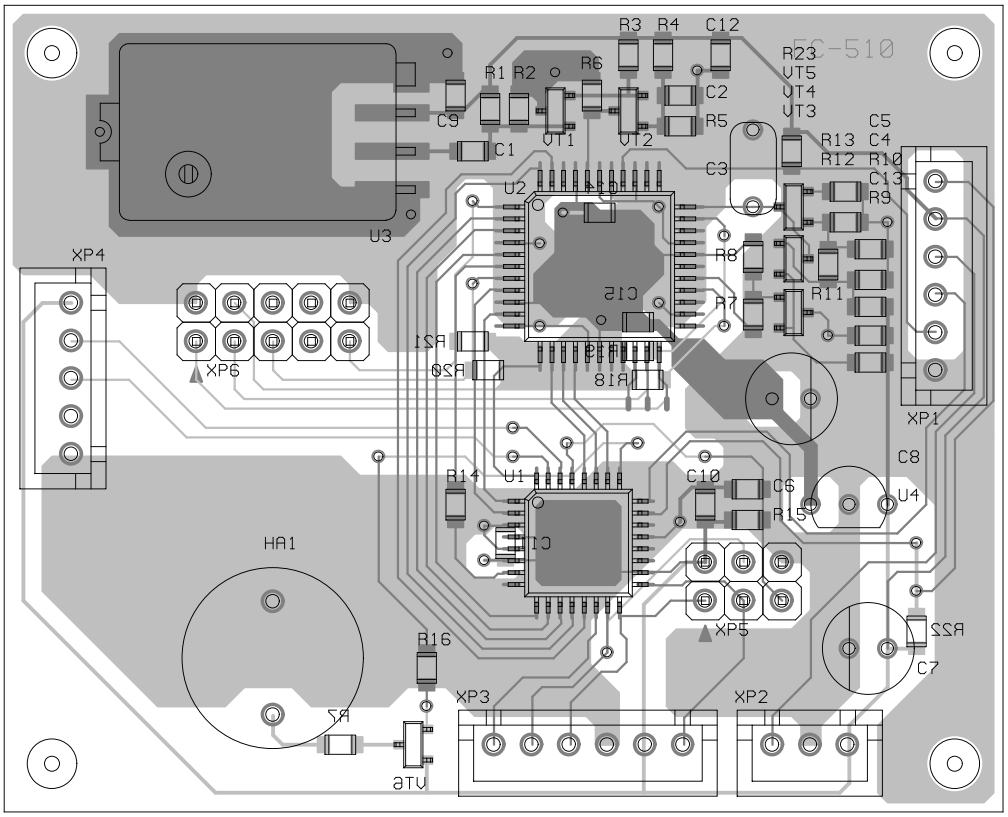
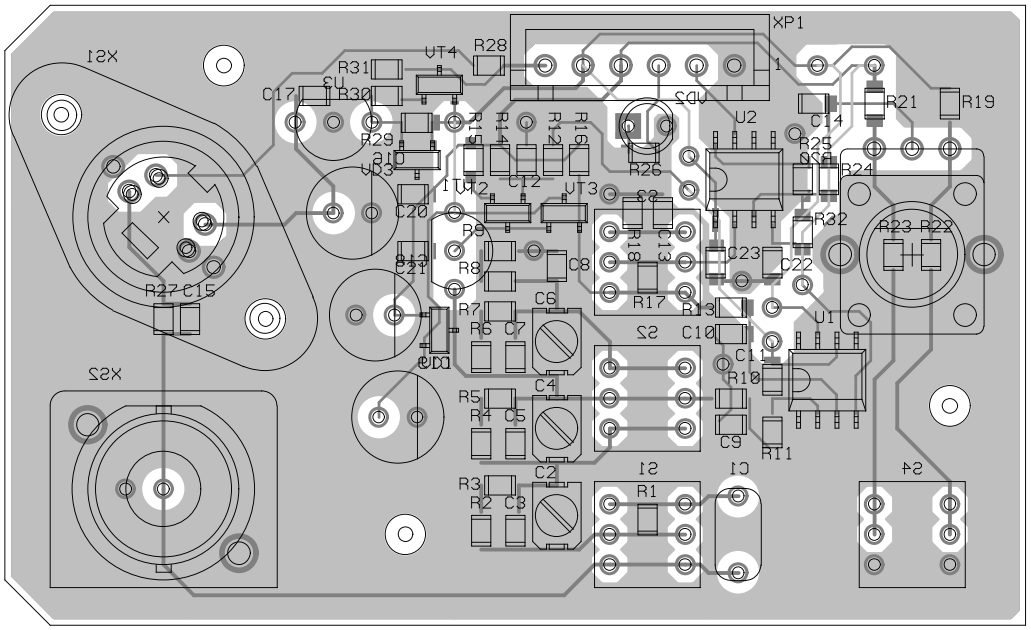
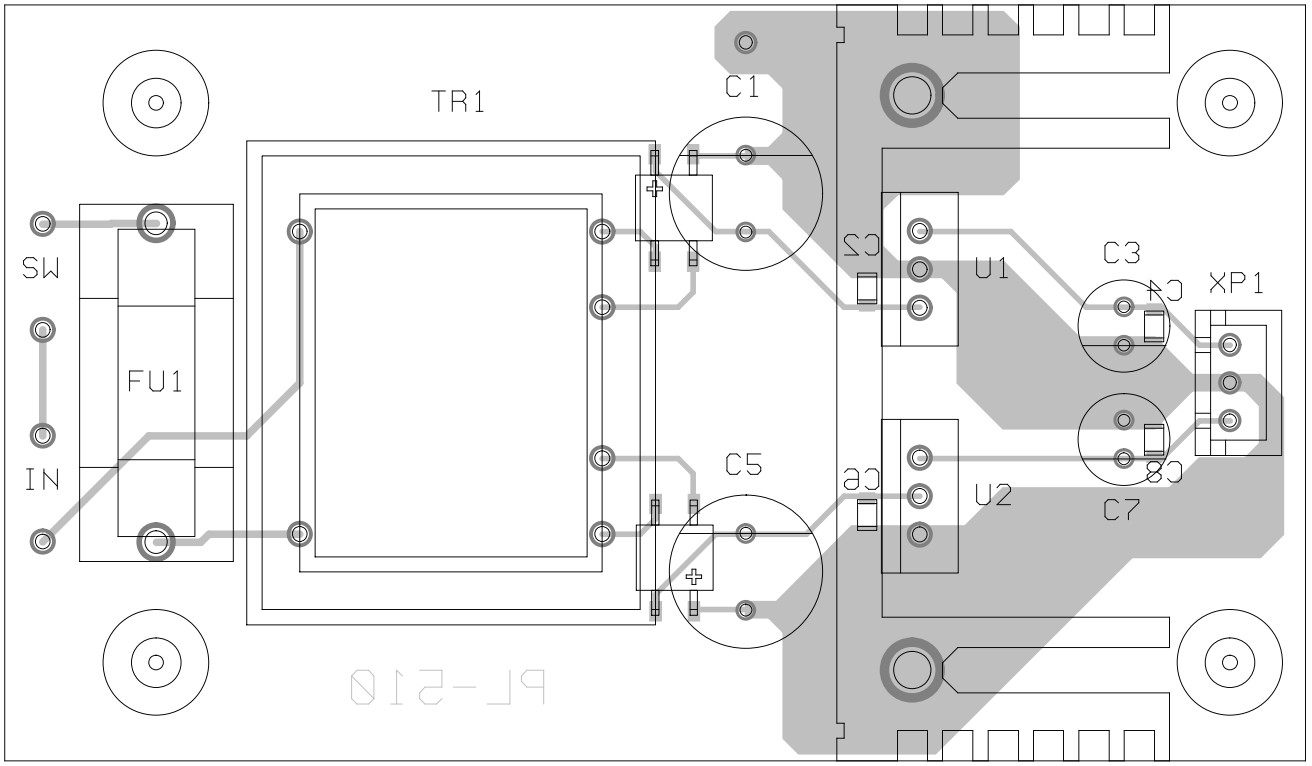
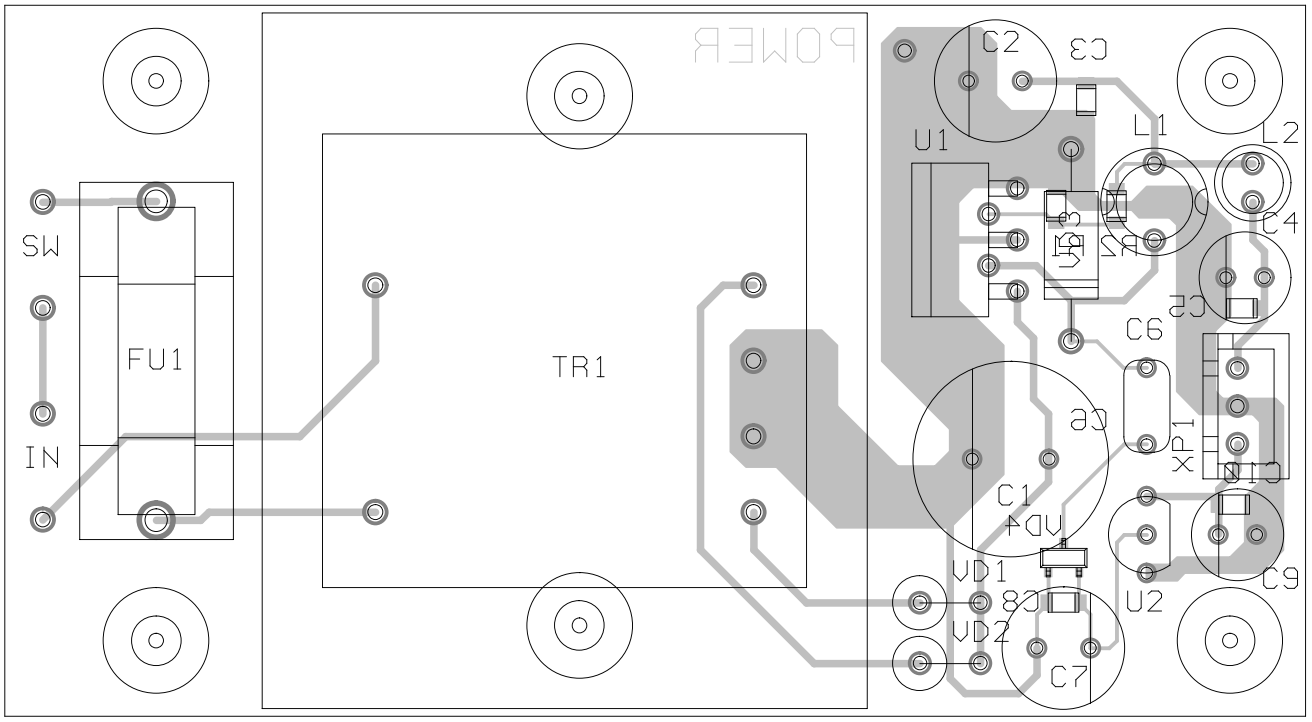

C1
100n
U1 74HC164
MT10T7-7S
CLK
+E
GND
DATA
LOAD
RET
R2 1K
R3 R4
R1
VD1
VD2
VD3
VD4
SW1
SW2
SW3
SW4


R3 R4 C12
R23
VT5
VT4
VT3
R1 R2
R6
C2
R5
C9
C1
VT1
VT2
C5
C4
R13
R12
R10
C13
R9
C3
U2
U3
XP4
R8
R7
R11
XP6
R21
R20
R18
XP1
C8
R14
U1
C10
C6
R15
U4
HA1
XP5
R22
C7
R16
XP3
XP2
R7
VT6


XP1
XS1
VT4
R28
R31
U3
C17
R30
R21
R19
C14
U2
R29
R25
R26
R24
VD3
C12
VT3
C20
R32
R23
R22
R9
C23
C22
C21
R8
C8
R27
C15
R17
R13
R7
C6
R6
C7
C10
U1
XS2
C11
R10
R5
C4
R4
C5
C9
RT1
C2
S1
C1
S4
R3
R2
C3
R1


TR1
C1
C2
U1
C3
C4
XP1
SW
FU1
IN
C5
C6
U2
C8
C7
PL-510


POWER
C2
C3
U1
L1
L2
C4
SW
FU1
TR1
C5
C6
IN
XP1
C1
VD4
VD1
C8
VD2
C7
U2
C9