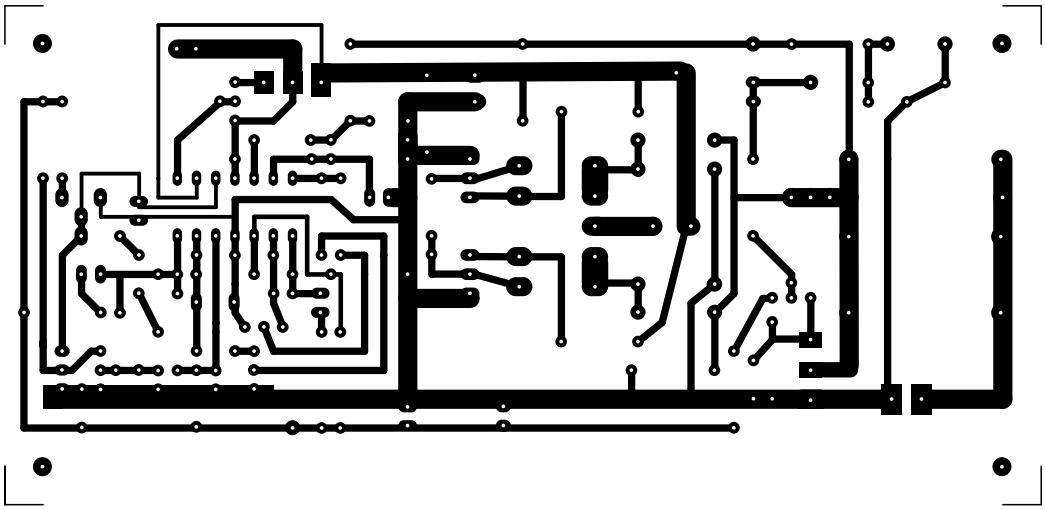

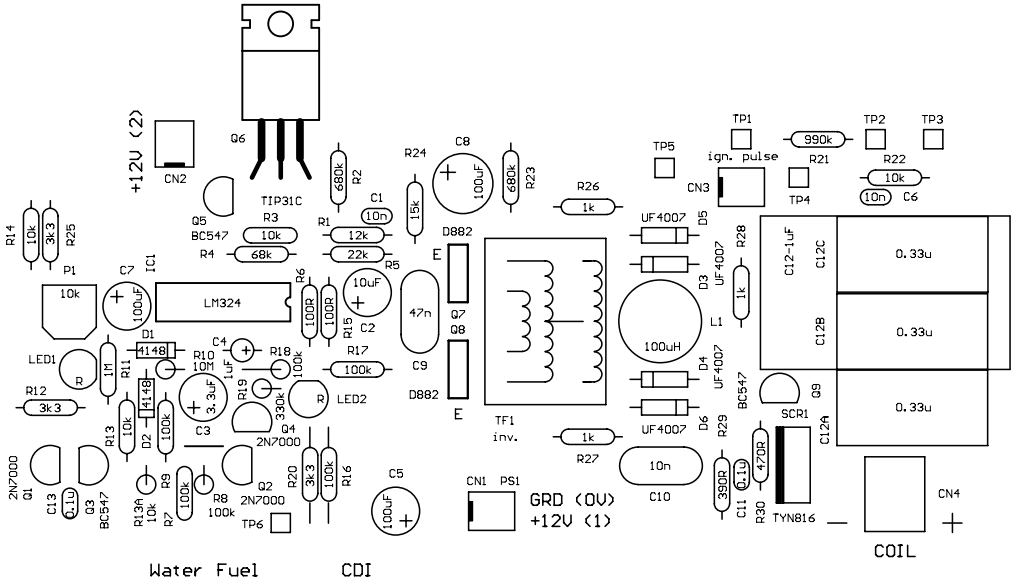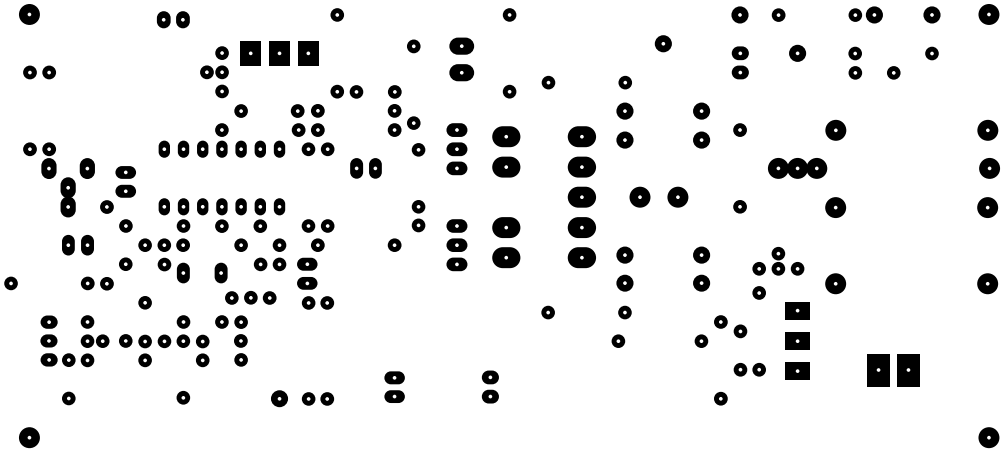
+12V (2)
CN2
Q6
TIP31C
Q5
BC547
R3
10k
R4
68k
R1
12k
22k
R5
R2
680k
C1
10n
R24
15k
C8
100uF
R23
680k
R26
1k
TP5
TP1
ign. pulse
CN3
990k
R21
TP4
TP2
TP3
R22
10k
10n
C6
R14
10k
3k3
R25
P1
10k
C7
100uF
IC1
LM324
R6
100R
100R
R15
10uF
C2
47n
C9
D882
E
Q7
Q8
D882
E
TF1
inv.
UF4007
D5
D3
UF4007
L1
100uH
D4
UF4007
D6
UF4007
R28
1k
C12-1uF
C12C
C12B
C12A
0.33u
0.33u
0.33u
LED1
R
R11
1M
D1
4148
R10
10M
C4
1uF
R18
100k
R17
100k
R19
330k
LED2
R
R12
3k3
C3
3.3uF
Q4
2N7000
D2
4148
R13
10k
100k
2N7000
Q1
C13
0.1u
Q3
BC547
R13A
10k
R9
100k
R7
R8
100k
Q2
2N7000
TP6
R20
3k3
100k
R16
C5
100uF
CN1
PS1
GRD (0V)
+12V (1)
R27
1k
10n
C10
R29
390R
C11
0.1u
R30
470R
TYN816
BC547
Q9
SCR1
CN4
COIL
Water Fuel
CDI