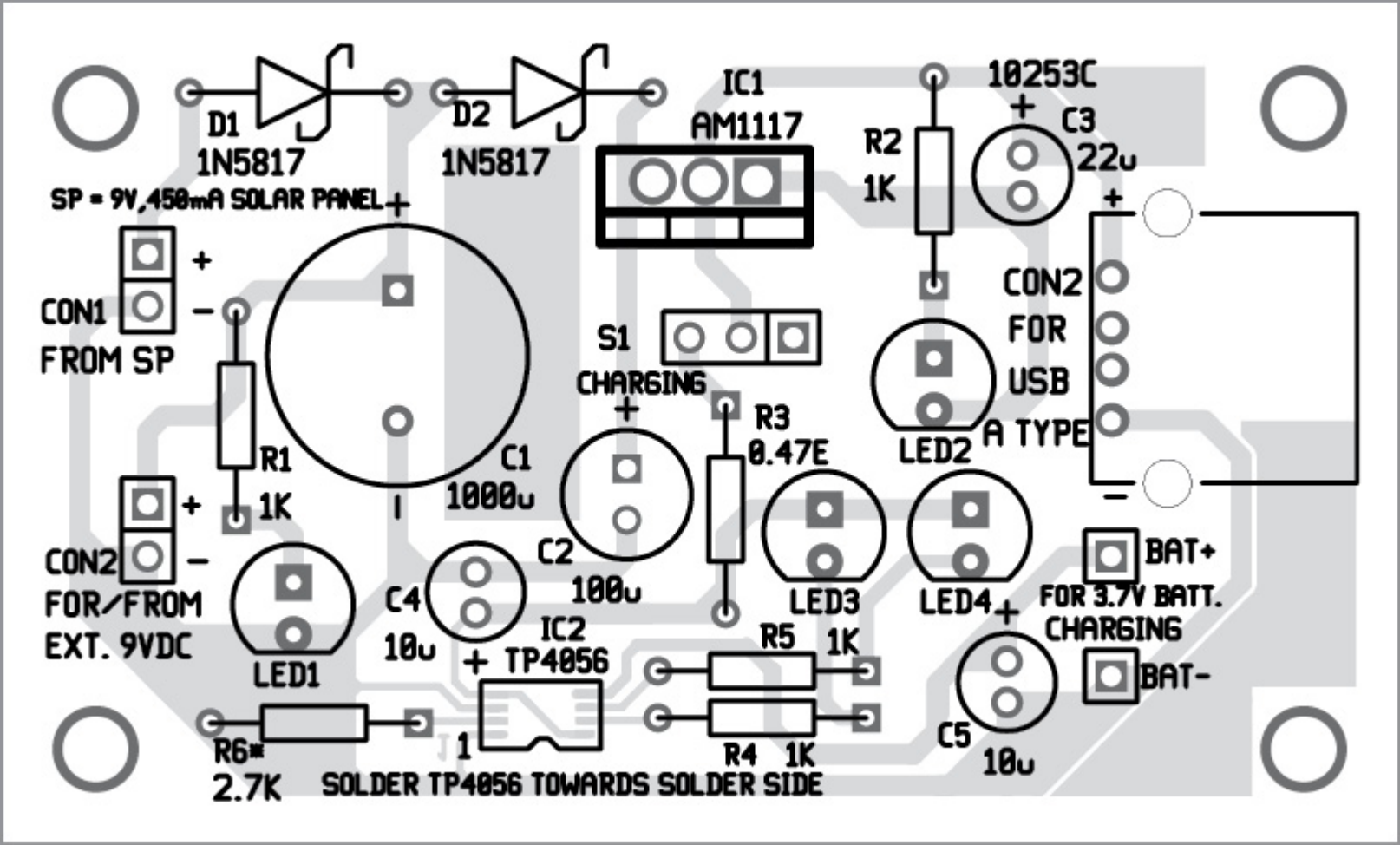
D1
1N5817
D2
1N5817
IC1
AM1117
10253C
C3
22u
R2
1K
SP = 9V,450mA SOLAR PANEL
CON1
FROM SP
CON2
FOR
USB
A TYPE
S1
CHARGING
R3
0.47E
LED2
R1
1K
C1
1000u
C2
100u
CON2
FOR/FROM
EXT. 9VDC
C4
10u
LED1
IC2
TP4056
LED3
LED4
BAT+
FOR 3.7V BATT.
CHARGING
BAT-
R5
1K
R4
1K
C5
10u
R6*
2.7K
SOLDER TP4056 TOWARDS SOLDER SIDE