U1
SOLAR PANEL 20W 18V

LED2

R5
1k

U2
L7815
IN
OUT
GND

D5
1N4007W

D6
1N4007W

K1
NC
NO
V+
COM
V-

R6
3R9, 5W

K2
12v DC Relay
V+
COM
V-
NC
NO

U3
12 VDC
12V Rechargeable Battery

T1

D2
D3
D1
D4

U4
7805(SOT-89)
IN
OUT
GND

R1
1k

Q1
2n2222

C1
1000uf

C2
1000uf

LED1

R2
10k

VR1 10k

R3
1k

Q2
2N2222

C3
10uf

LED4
LED5

R4
1k

GND

TITLE: Sheet_1			REV: 1.0
EasyEDA	Company: Electronicsideas		Sheet: 1/1
	Date: 2024-09-27	Drawn By: electronicsideas10	