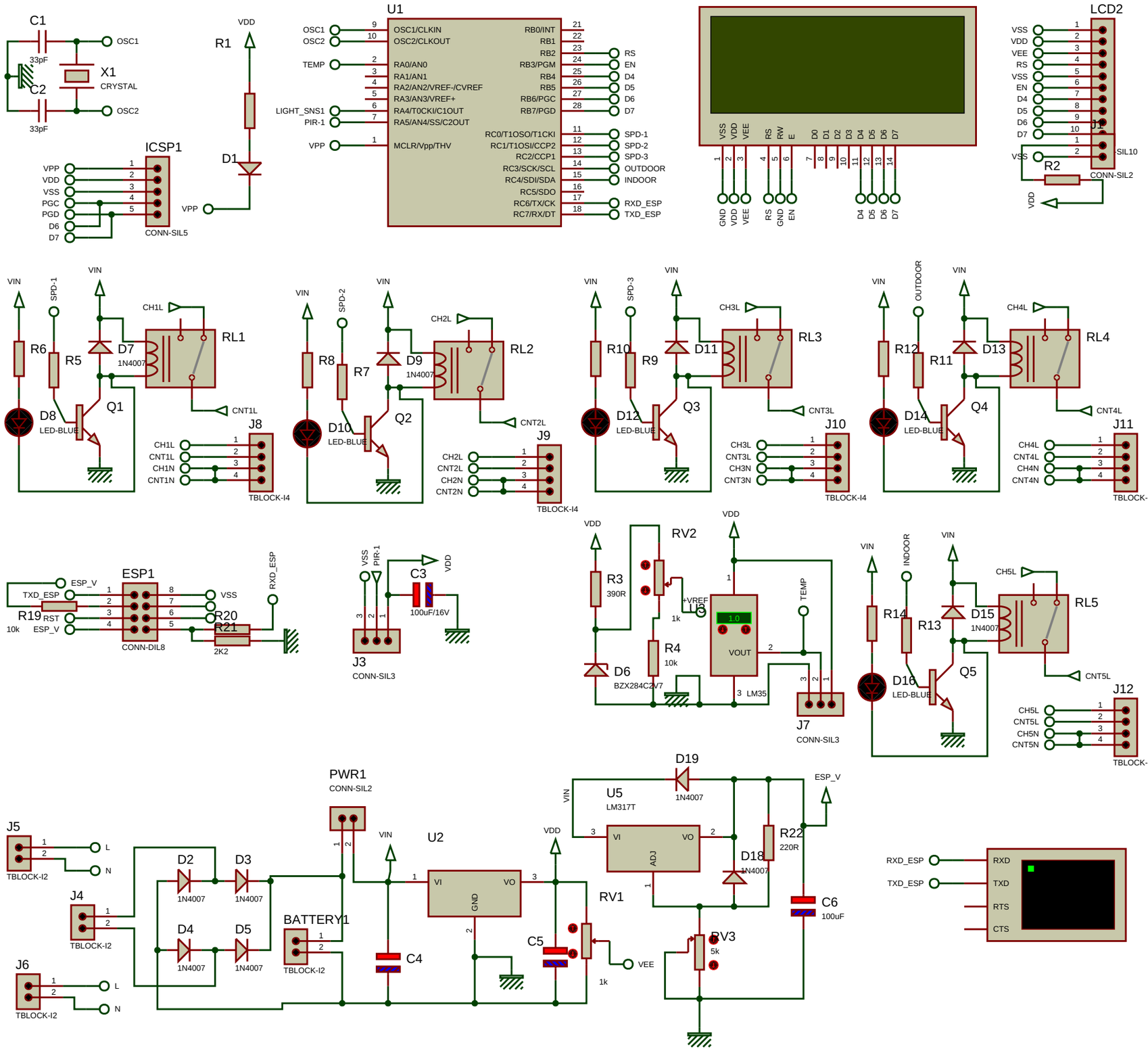


ELECTRONIC COMPONENTS (BASIC)

(1/4W) Resistors
Variable Resistors
LDR Linear Resistor
PIR Sensor
Ceramic Capacitors
Crystal Oscillatory Capacitor
Electrolytic Capacitors
PIC16F876A Microcontroller
ESP8266-01 WiFi Module
LM7805 Positive Fix Voltage Regulator
LM317T Positive Variable Voltage Regulator
LM358 Operational Amplifier
LM35 Temperature Sensor
BC547 Bipolar Transistors
1N4007 Rectifying Diodes
1N4148 Signal Diode
2V7 Zener Diode
LEDs
Terminal Blocks
12V,7.5AH Battery + Charger Adaptor
Power Switch
12V Transformer
12V,10A Relays
20x4 LCD (Simulation and Debug Purpose)

FILE NAME:	Internet Based Home Automation.DSN
DESIGN TITLE:	OPSTEP ENGINEERING LTD
PATH:	F:\MICROCONTROLLER PROGRAMMING\ENGR. JOHN'S WORK\PIC C_MPLAB
BY:	contact@opstep.com - 08036307199
REV:	01
DATE:	9/4/2019
PAGE:	1 of 1
TIME:	09:35:37 PM