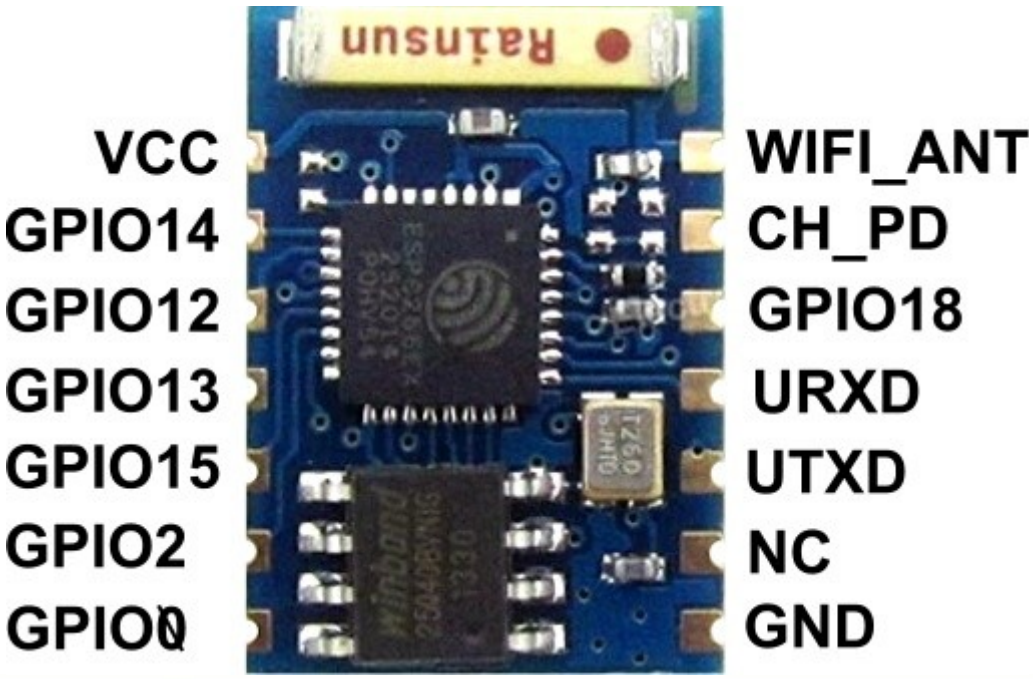
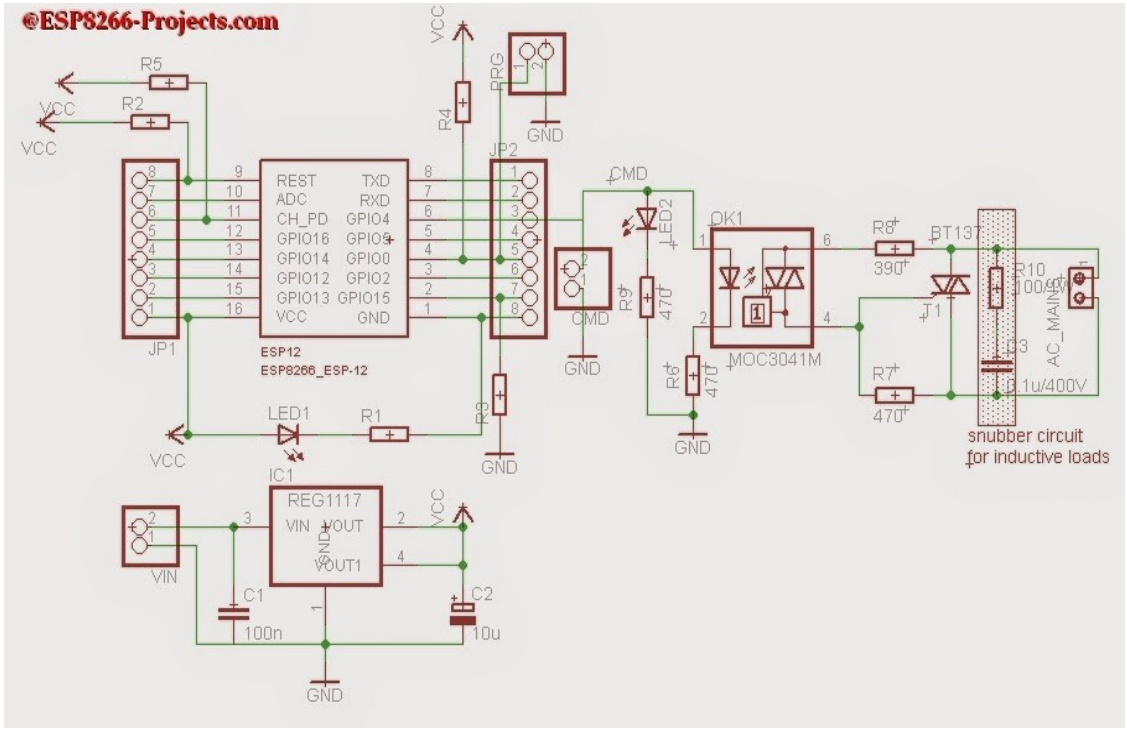
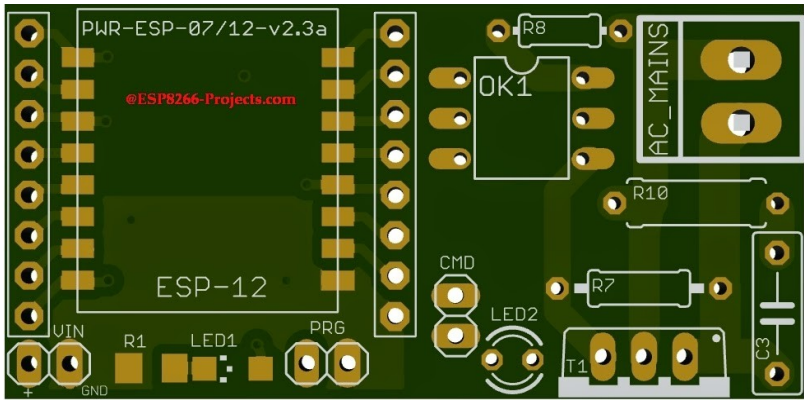
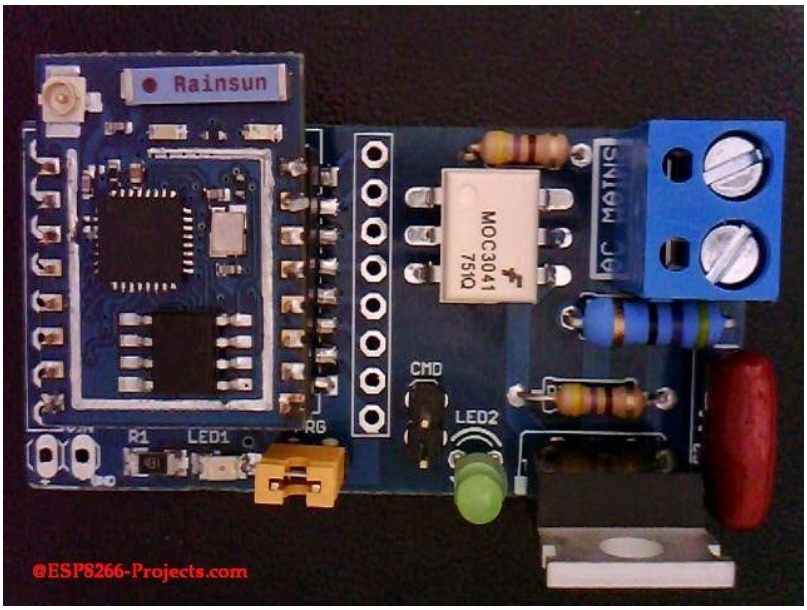


Label	Signal
VCC	3.3V (3.6V max) supply voltage
GND	Ground
UTXD	Transmit Data (3.3V level)
URXD	Receive Data (3.3V level!)
CH_PD	Chip Power down: (LOW = power down active)
GPIO0	General Purpose I / O 0
GPIO2	General Purpose I / O 2
GPIO12	General Purpose I / O 12
GPIO13	General Purpose I / O 13
GPIO14	General Purpose I / O 14
GPIO15	General Purpose I / O 15
GPIO18	General Purpose I / O 18
WIFI_ANT	WiFi Antenna
RST	Reset (reset = LOW active)


@ESP8266-Projects.com
VCC
R5
R2
R4
PRG
GND
JP2
CMD
LED2
OK1
R8
390
BT137
R10
100/2W
AC_MAINS
REST
ADC
CH_PD
GPIO16
GPIO14
GPIO12
GPIO13
VCC
TXD
RXD
GPIO4
GPIO5
GPIO0
GPIO2
GPIO15
GND
JP1
ESP12
ESP8266_ESP-12
R9
470
R6
470
MOC3041M
R7
470
T1
C3
0.1u/400V
snubber circuit
for inductive loads
LED1
R1
R3
IC1
REG1117
VIN
VOUT
VOUT1
C1
100n
C2
10u


PWR-ESP-07/12-v2.3a
@ESP8266-Projects.com
ESP-12
R8
OK1
AC_MAINS
R10
CMD
R7
LED2
T1
C3
VIN
R1
LED1
PRG
GND


Rainsun
MOC3041
751Q
AC MAINS
CMD
LED2
R1
LED1
RG
@ESP8266-Projects.com

RESET		TXD
ADC		RXD
CH_PD		GPIO14
GPIO 16		GPIO 5
GPIO 14		GPIO 0
GPIO 12		GPIO 2
GPIO 13		GPIO15
VCC		GND