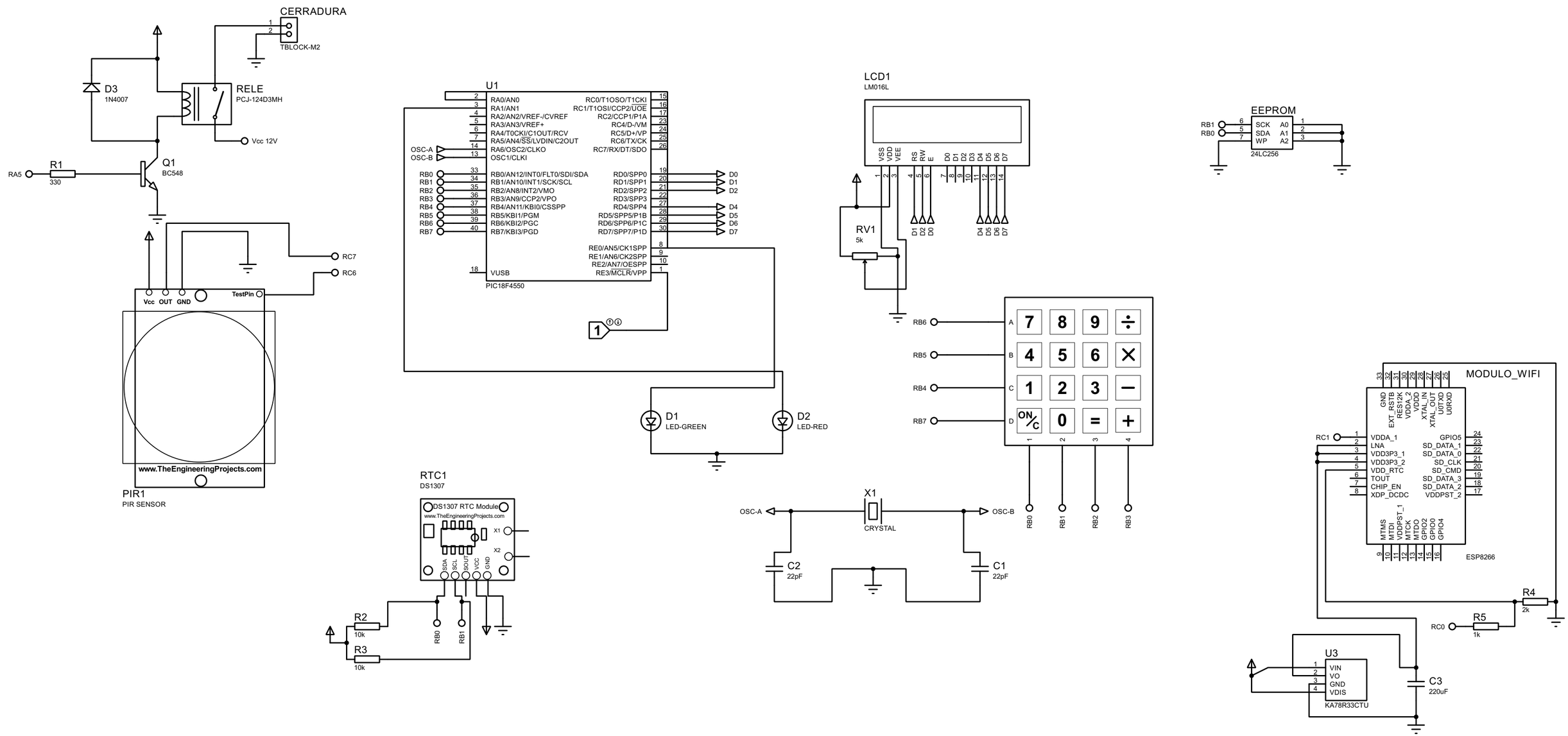
CERRADURA
TBLOCK-M2
D3
1N4007
RELE
PCJ-124D3MH
Vcc 12V
R1
330
RA5
Q1
BC548
RC7
RC6
Vcc OUT GND
TestPin
www.TheEngineeringProjects.com
PIR1
PIR SENSOR
U1
PIC18F4550
OSC-A
OSC-B
RA0/AN0
RA1/AN1
RA2/AN2/VREF-/CVREF
RA3/AN3/VREF+
RA4/T0CKI/C1OUT/RCV
RA5/AN4/SS/LVDIN/C2OUT
RA6/OSC2/CLKO
OSC1/CLKI
RB0/AN12/INT0/FLT0/SDI/SDA
RB1/AN10/INT1/SCK/SCL
RB2/AN8/INT2/VMO
RB3/AN9/CCP2/VPO
RB4/AN11/KBI0/CSSPP
RB5/KBI1/PGM
RB6/KBI2/PGC
RB7/KBI3/PGD
VUSB
RC0/T1OSO/T1CKI
RC1/T1OSI/CCP2/UOE
RC2/CCP1/P1A
RC4/D-/VM
RC5/D+/VP
RC6/TX/CK
RC7/RX/DT/SDO
RD0/SPP0
RD1/SPP1
RD2/SPP2
RD3/SPP3
RD4/SPP4
RD5/SPP5/P1B
RD6/SPP6/P1C
RD7/SPP7/P1D
RE0/AN5/CK1SPP
RE1/AN6/CK2SPP
RE2/AN7/OESPP
RE3/MCLR/VPP
D0
D1
D2
D4
D5
D6
D7
D1
LED-GREEN
D2
LED-RED
LCD1
LM016L
VSS VDD VEE RS RW E D0 D1 D2 D3 D4 D5 D6 D7
RV1
5k
RB6
RB5
RB4
RB7
7 8 9 ÷
4 5 6 ×
1 2 3 −
ON/C 0 = +
RB0 RB1 RB2 RB3
EEPROM
24LC256
RB1
RB0
SCK SDA WP
A0 A1 A2
RTC1
DS1307
DS1307 RTC Module
www.TheEngineeringProjects.com
X1
X2
SDA SCL SQUT VCC GND
R2
10k
R3
10k
RB0
RB1
X1
CRYSTAL
OSC-A
OSC-B
C2
22pF
C1
22pF
MODULO_WIFI
ESP8266
GND EXT_RSTB RES12K VDDA_2 VDDD XTAL_IN XTAL_OUT U0TXD U0RXD
VDDA_1 LNA VDD3P3_1 VDD3P3_2 VDD_RTC TOUT CHIP_EN XDP_DCDC
GPIO5 SD_DATA_1 SD_DATA_0 SD_CLK SD_CMD SD_DATA_3 SD_DATA_2 VDDPST_2
MTMS MTDI VDDPST_1 MTCK MTDO GPIO2 GPIO0 GPIO4
RC1
R4
2k
RC0
R5
1k
U3
KA78R33CTU
VIN VO GND VDIS
C3
220uF