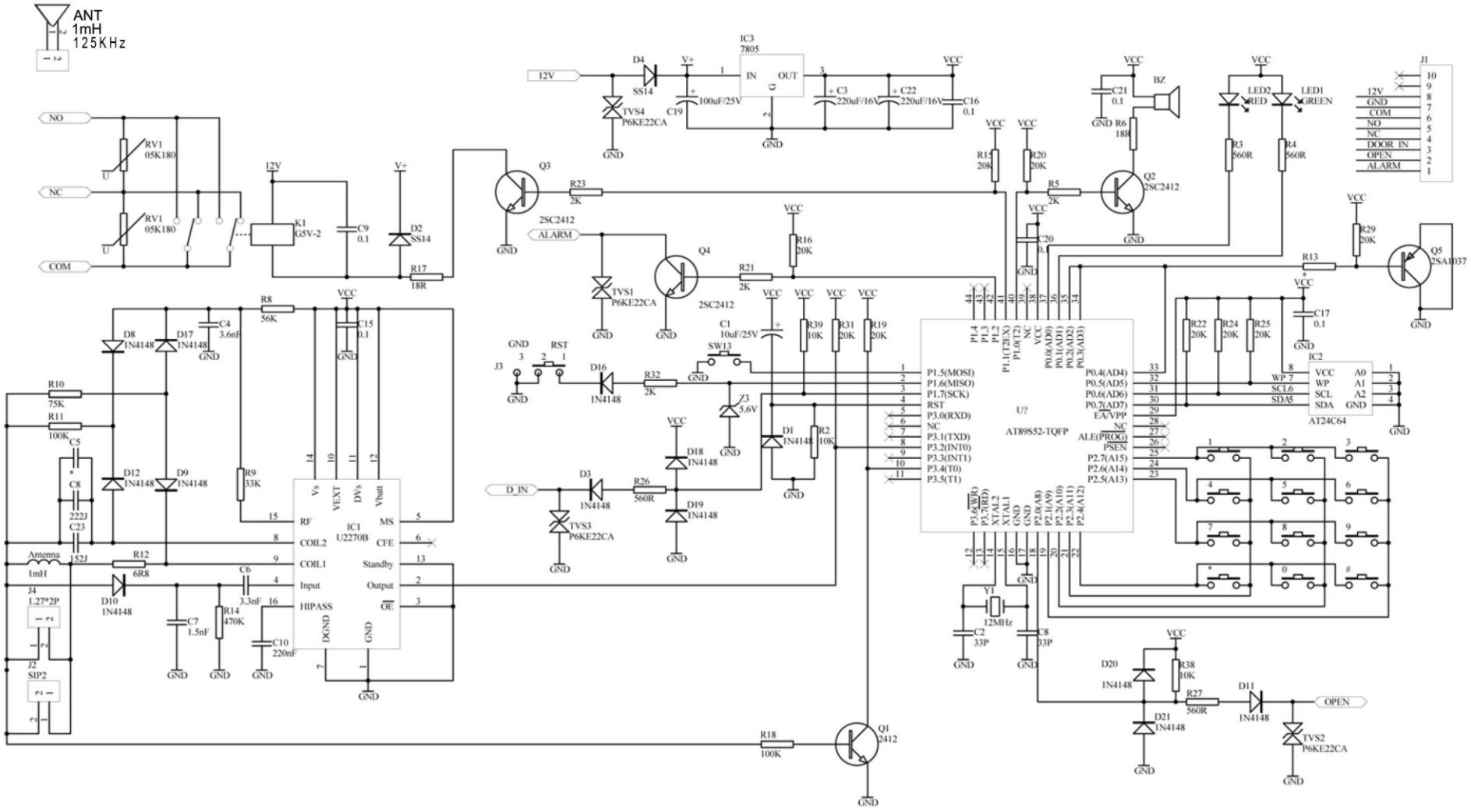
ANT
1mH
125KHz
NO
NC
COM
RV1
05K180
K1
G5V-2
C9
0.1
D2
SS14
R17
18R
12V
V+
IC3
7805
IN
OUT
D4
SS14
TVS4
P6KE22CA
C19
100uF/25V
C3
220uF/16V
C22
220uF/16V
C16
0.1
VCC
GND
Q3
2SC2412
R23
2K
ALARM
Q4
2SC2412
R21
2K
TVS1
P6KE22CA
R16
20K
C1
10uF/25V
R39
10K
R31
20K
R19
20K
SW13
RST
J3
D16
1N4148
R32
2K
D1
1N4148
R2
10K
ZD3
5.6V
D18
1N4148
D19
1N4148
D3
1N4148
R26
560R
TVS3
P6KE22CA
D_IN
R8
56K
C4
3.6nF
C15
0.1
D8
1N4148
D17
1N4148
D12
1N4148
D9
1N4148
R10
75K
R11
100K
C5
C8
222J
C23
152J
R9
33K
R12
6R8
D10
1N4148
C6
3.3nF
C7
1.5nF
R14
470K
C10
220nF
Antenna
1mH
J4
1.27*2P
J2
SIP2
IC1
U2270B
Vs
VEXT
DVs
Vbatt
RF
COIL2
COIL1
Input
HIPASS
DGND
GND
MS
CFE
Standby
Output
OE
R18
100K
Q1
2412
U?
AT89S52-TQFP
P1.5(MOSI)
P1.6(MISO)
P1.7(SCK)
RST
P3.0(RXD)
NC
P3.1(TXD)
P3.2(INT0)
P3.3(INT1)
P3.4(T0)
P3.5(T1)
P0.4(AD4)
P0.5(AD5)
P0.6(AD6)
P0.7(AD7)
EA/VPP
ALE(PROG)
PSEN
P2.7(A15)
P2.6(A14)
P2.5(A13)
Y1
12MHz
C2
33P
C8
33P
R15
20K
R20
20K
R5
2K
Q2
2SC2412
C21
0.1
BZ
R6
18R
C20
0.1
LED2
RED
LED1
GREEN
R3
560R
R4
560R
R29
20K
Q5
2SA1037
R13
R22
20K
R24
20K
R25
20K
C17
0.1
IC2
AT24C64
WP
SCL
SDA
A0
A1
A2
J1
DOOR_IN
OPEN
ALARM
D20
1N4148
R38
10K
R27
560R
D21
1N4148
D11
1N4148
TVS2
P6KE22CA
OPEN