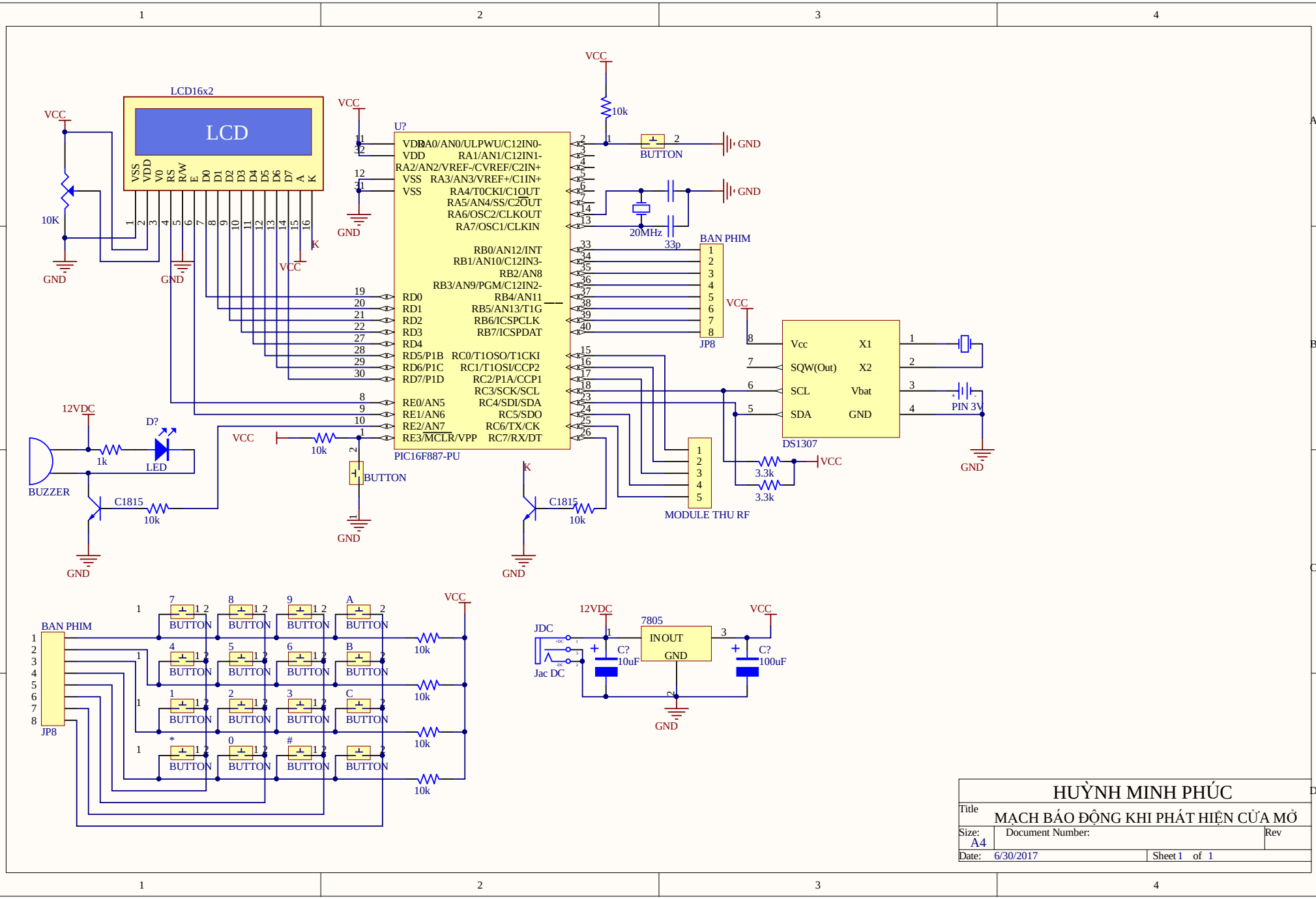
LCD16x2
LCD
VSS VDD V0 RS R/W E D0 D1 D2 D3 D4 D5 D6 D7 A K
VCC
10K
GND
U?
VDD
VDD
VSS
VSS
RA0/AN0/ULPWU/C12IN0-
RA1/AN1/C12IN1-
RA2/AN2/VREF-/CVREF/C2IN+
RA3/AN3/VREF+/C1IN+
RA4/T0CKI/C1OUT
RA5/AN4/SS/C2OUT
RA6/OSC2/CLKOUT
RA7/OSC1/CLKIN
RB0/AN12/INT
RB1/AN10/C12IN3-
RB2/AN8
RB3/AN9/PGM/C12IN2-
RB4/AN11
RB5/AN13/T1G
RB6/ICSPCLK
RB7/ICSPDAT
RD0
RD1
RD2
RD3
RD4
RD5/P1B
RD6/P1C
RD7/P1D
RC0/T1OSO/T1CKI
RC1/T1OSI/CCP2
RC2/P1A/CCP1
RC3/SCK/SCL
RC4/SDI/SDA
RC5/SDO
RC6/TX/CK
RC7/RX/DT
RE0/AN5
RE1/AN6
RE2/AN7
RE3/MCLR/VPP
PIC16F887-PU
10k
BUTTON
20MHz
33p
BAN PHIM
JP8
DS1307
Vcc
SQW(Out)
SCL
SDA
X1
X2
Vbat
GND
PIN 3V
3.3k
MODULE THU RF
12VDC
D?
1k
LED
BUZZER
C1815
K
BAN PHIM
JP8
7 8 9 A
4 5 6 B
1 2 3 C
* 0 # D
JDC
Jac DC
7805
IN OUT
C?
10uF
100uF
HUỲNH MINH PHÚC
Title
MẠCH BÁO ĐỘNG KHI PHÁT HIỆN CỬA MỞ
Size: A4
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Rev
Date: 6/30/2017
Sheet 1 of 1