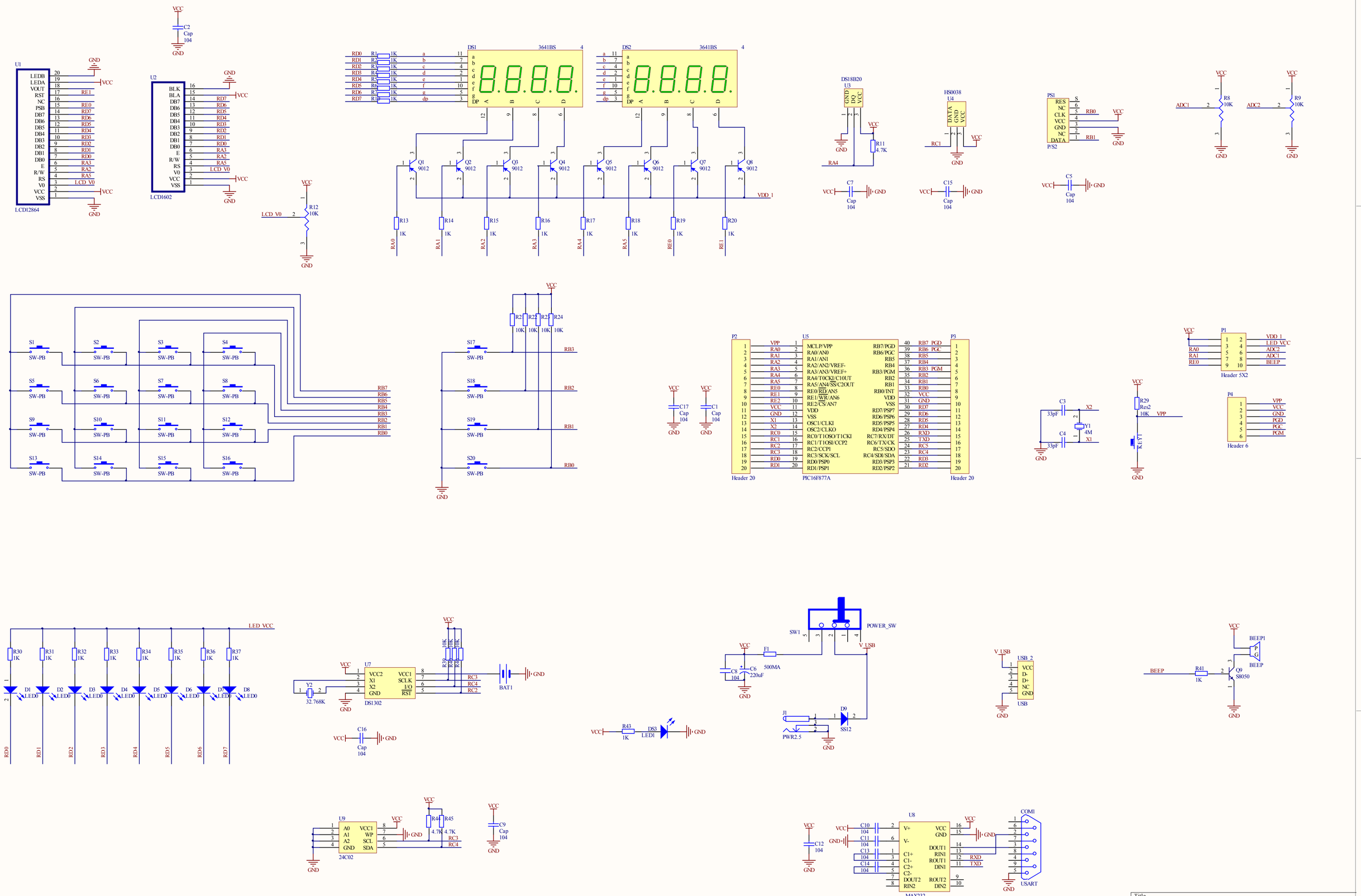
U1
LCD12864
U2
LCD1602
C2
Cap
104
DS1
3641BS
DS2
3641BS
Q1 9012
Q2 9012
Q3 9012
Q4 9012
Q5 9012
Q6 9012
Q7 9012
Q8 9012
R13 1K
R14 1K
R15 1K
R16 1K
R17 1K
R18 1K
R19 1K
R20 1K
R12 10K
VDD_1
DS18B20
U3
R11 4.7K
C7
Cap
104
HS0038
U4
C15
Cap
104
PS1
P/S2
R8 10K
R9 10K
C5
Cap
104
S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16
SW-PB
R2 R22 R23 R24
10K
S17 S18 S19 S20
C17
Cap
104
C1
Cap
104
P2
U5
PIC16F877A
P3
Header 20
Header 20
C3 33pF
C4 33pF
Y1 4M
R29 Res2 10K
RESET
P1
Header 5X2
P4
Header 6
D1 D2 D3 D4 D5 D6 D7 D8
LED0
R30 R31 R32 R33 R34 R35 R36 R37 1K
LED_VCC
U7
DS1302
Y2 32.768K
BAT1
C16
Cap
104
R43 1K
DS3
LED1
SW1
POWER_SW
F1 500MA
C6 220uF
C8 104
J1
PWR2.5
D9
SS12
USB_2
USB
BEEP1
BEEP
R41 1K
Q9 S8050
U9
24C02
R44 R45 4.7K
C9
Cap
104
U8
MAX232
COM1
USART
Title
Size
A2
Number
Revision
Date: 2015/6/30
Sheet of
File: E:\STM32 \..\ 1 ..SchDoc
Drawn By: