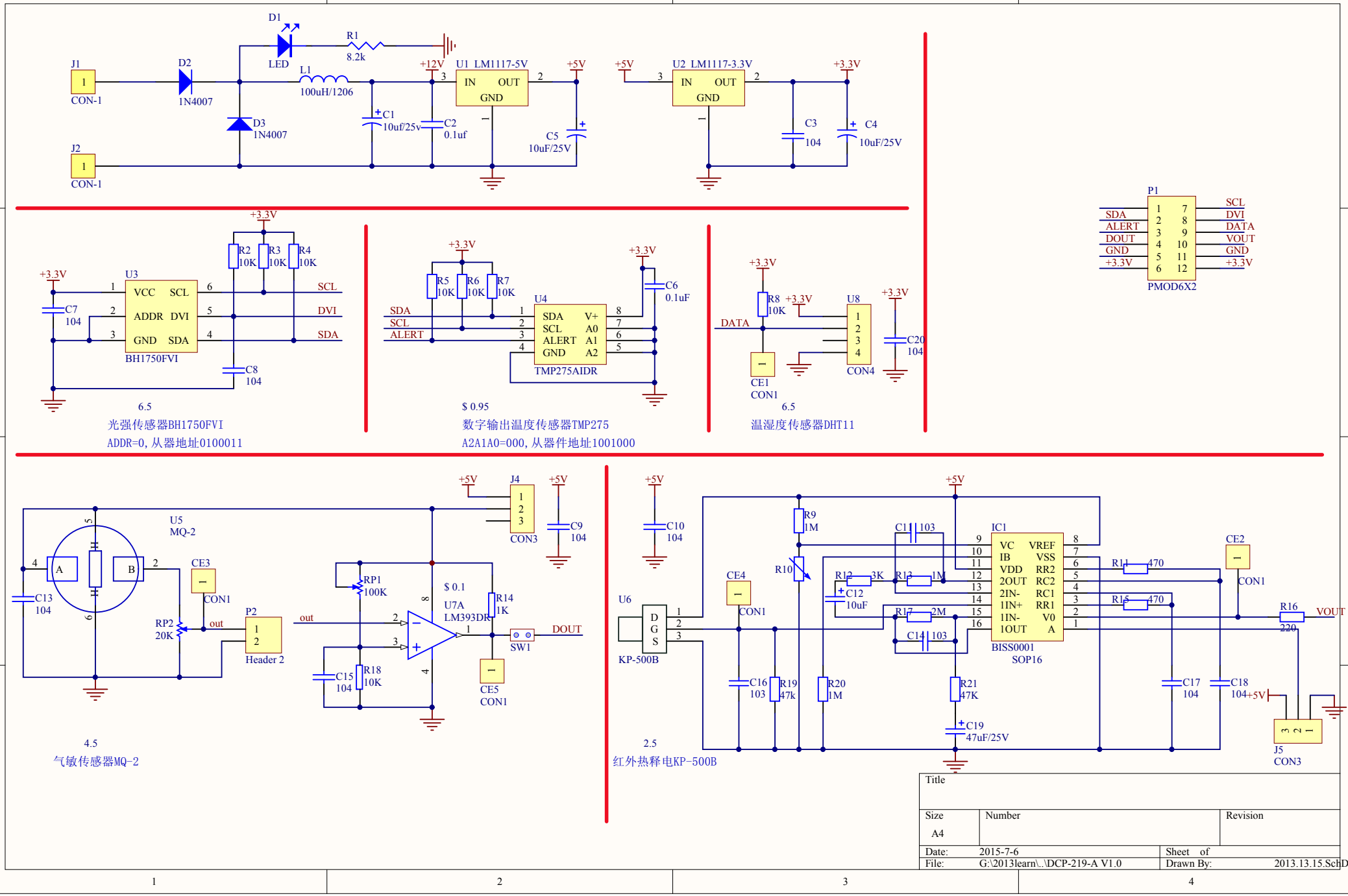
D1
LED
R1
8.2k
J1
CON-1
D2
1N4007
L1
100uH/1206
D3
1N4007
C1
10uf/25v
C2
0.1uf
+12V
U1 LM1117-5V
IN OUT
GND
+5V
C5
10uF/25V
J2
CON-1
U2 LM1117-3.3V
+3.3V
C3
104
C4
10uF/25V
P1
PMOD6X2
SDA
ALERT
DOUT
GND
+3.3V
SCL
DVI
DATA
VOUT
GND
+3.3V
U3
VCC SCL
ADDR DVI
GND SDA
BH1750FVI
R2 10K
R3 10K
R4 10K
C7 104
C8 104
6.5
光强传感器BH1750FVI
ADDR=0,从器地址0100011
R5 10K
R6 10K
R7 10K
U4
SDA V+
SCL A0
ALERT A1
GND A2
TMP275AIDR
C6 0.1uF
$ 0.95
数字输出温度传感器TMP275
A2A1A0=000,从器件地址1001000
R8 10K
U8
CON4
CE1
CON1
C20 104
6.5
温湿度传感器DHT11
U5
MQ-2
J4
CON3
C9 104
C13 104
CE3
CON1
RP2 20K
out
P2
Header 2
RP1 100K
$ 0.1
U7A
LM393DR
R14 1K
DOUT
SW1
C15 104
R18 10K
CE5
CON1
4.5
气敏传感器MQ-2
C10 104
U6
KP-500B
CE4
CON1
R9 1M
R10
C11 103
R12 3K
R13 1M
C12 10uF
R17 2M
C14 103
IC1
VC VREF
IB VSS
VDD RR2
2OUT RC2
2IN- RC1
1IN+ RR1
1IN- V0
1OUT A
BISS0001
SOP16
R11 470
R15 470
CE2
CON1
R16 220
VOUT
C16 103
R19 47k
R20 1M
R21 47K
C19 47uF/25V
C17 104
C18 104+5V
J5
CON3
2.5
红外热释电KP-500B
Title
Size
A4
Number
Revision
Date: 2015-7-6
Sheet of
File: G:\2013learn\..\DCP-219-A V1.0
Drawn By: 2013.13.15.SchDoc