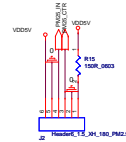
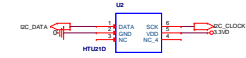


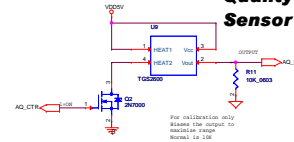
PM2.5



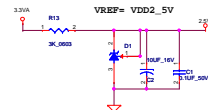
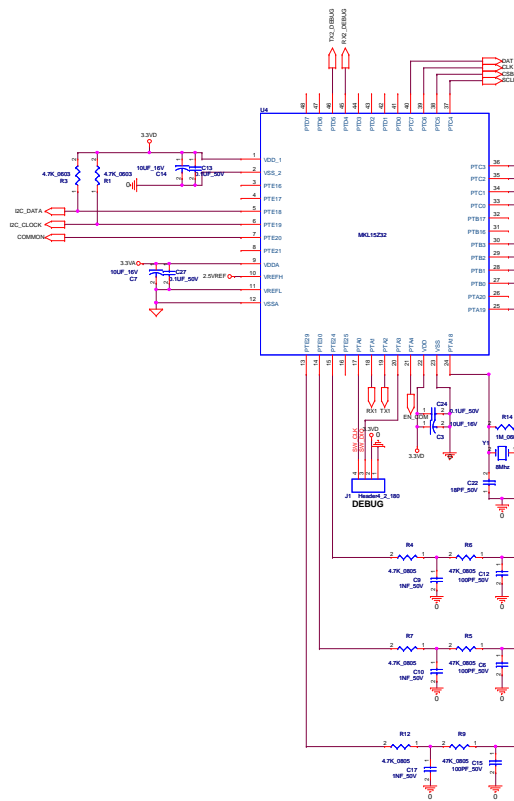
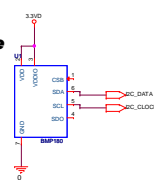
HUM



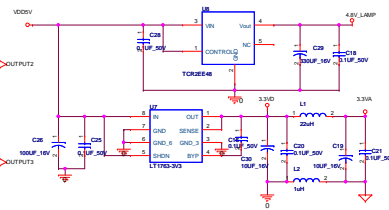
Air Quality Sensor



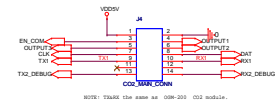
Pressure Sensor



Power for Lamp



Power for Lamp



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REV1
DONE : Change 2N7002 to SI2303BDS .
DONE : Exchange TP_GND with TP2.
DONE : add TP1 REF circuit .
DONE : change PIC16F883 to PIC16F1824
DONE : Don't Copper pour
DONE : Expand the aperture
DONE : add 16F1824 +2_5VREF .

REV2
DONE : change PIC16F1824 to C8051F350
DONE : Add pressure sensor .

REV3:
DONE : detele the crystal oscillator.

REV4:
done: add 5V chip to power the lamp.
tbd : move the captiance to side to make it fix case of Co2 node.
tbd : move the direction of Co2 part to make it compatiabile with the sensor we buy.
tbd : move the connection port position.
Done: add the thermistor to the pic chip.

REV5:
DONE : add copper pour to the board. Connect copper pour to GND.
DONE: Change the power line for the Lamp to wider.
DONE : Connect the screw hole to the GND
DONE : modify PIC16F1509-20QFN footprint

REV6:
DONE : ADD HUM Senor
DONE : ADD Connector for PM25 Sensor
DONE : ADD AQ Sensor.

REV7:
DONE : Convert the TCA9406 prot A and Prot B. ProtB connect to 5V and Prot A connect to 3.3V. Enable pin connect 5v
DONE : Connect the adc pin to prot1 of the chip .

REV8:
done:move the humdity sensor and pressure sensor far away from aq sensor
done:add the i2c wires to the connector

done: Aq 传感器会顶到 TSTAT CO2 PCB板上。把U6移到背面。把C21, C20 和AQ 向 C18靠拢。
done: 把连接传感器 和灯 的焊盘 延长到最边沿, 便于焊接。
done: 腔体的定位孔 位置需要调整。
done:把底板上传感器和灯 两端的开槽 宽度加大1mm, 长度加2mm。以便于安装。
done:由于传感器端的pcb板 顶到腔体, 上下腔体中间有缝隙。 建议把传感器端的PCB 顶部裁剪1mm。
done:灯那端 PCB板需要覆铜, 防止漏光。
done:把humidity sensor 移到PCB 另一端。

REV9:
Done: Separate the digital 5V and analog 5V.
Done: delete opa2376 , add LMP91051MME
TBD: Fix 2N7000 ,SI2306,TL431 SCH symbol .

REV10:
TBD: Fix DTS2306,2N7000 SCH symbol .

