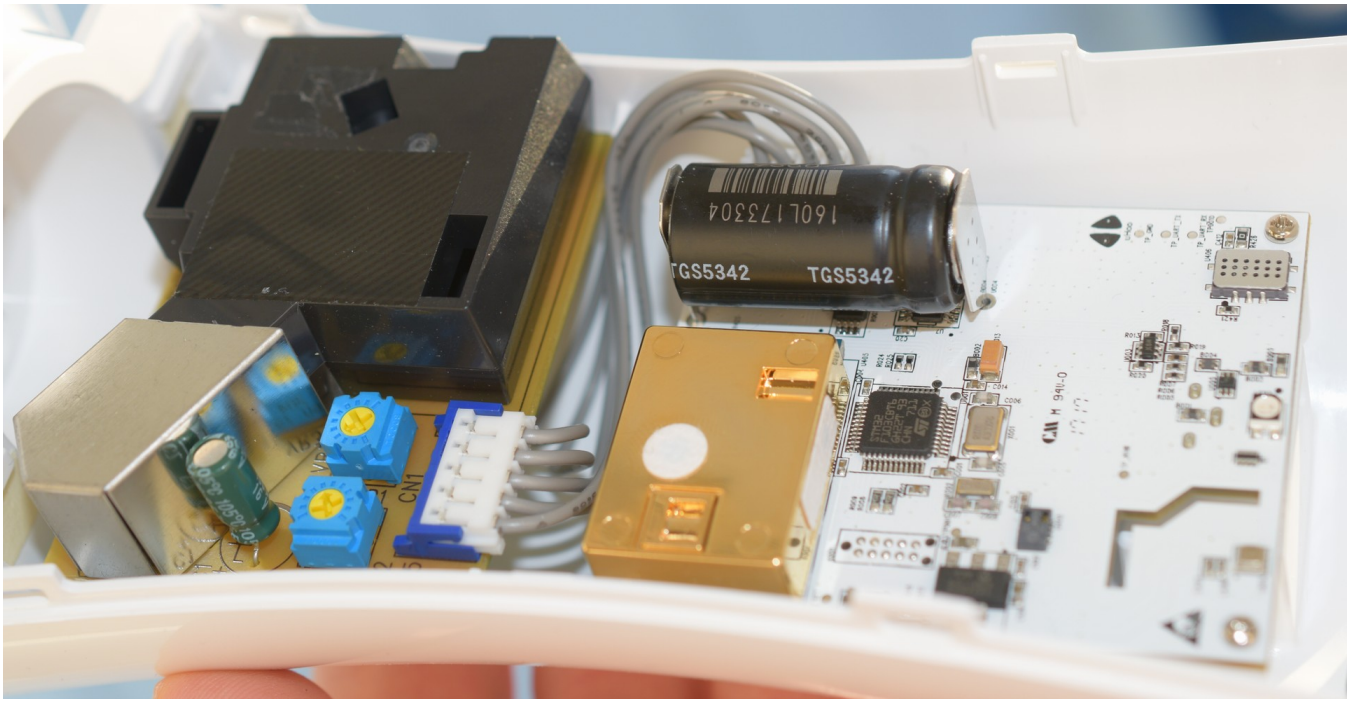
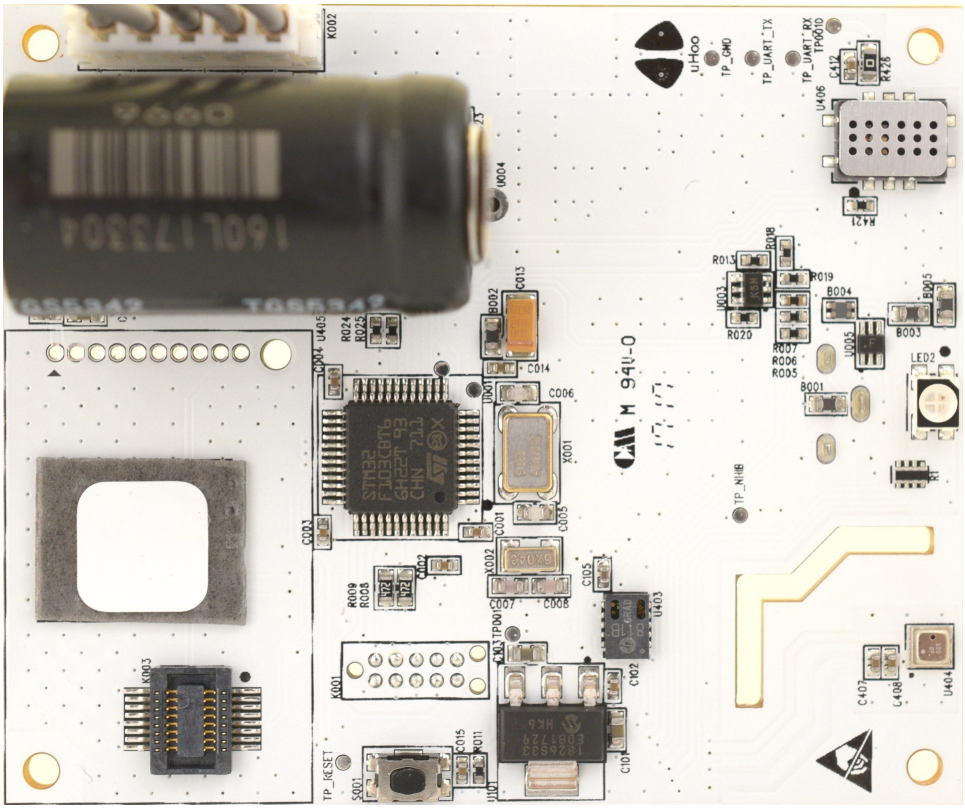
uHoo inside



SoC STM32F103CBT6

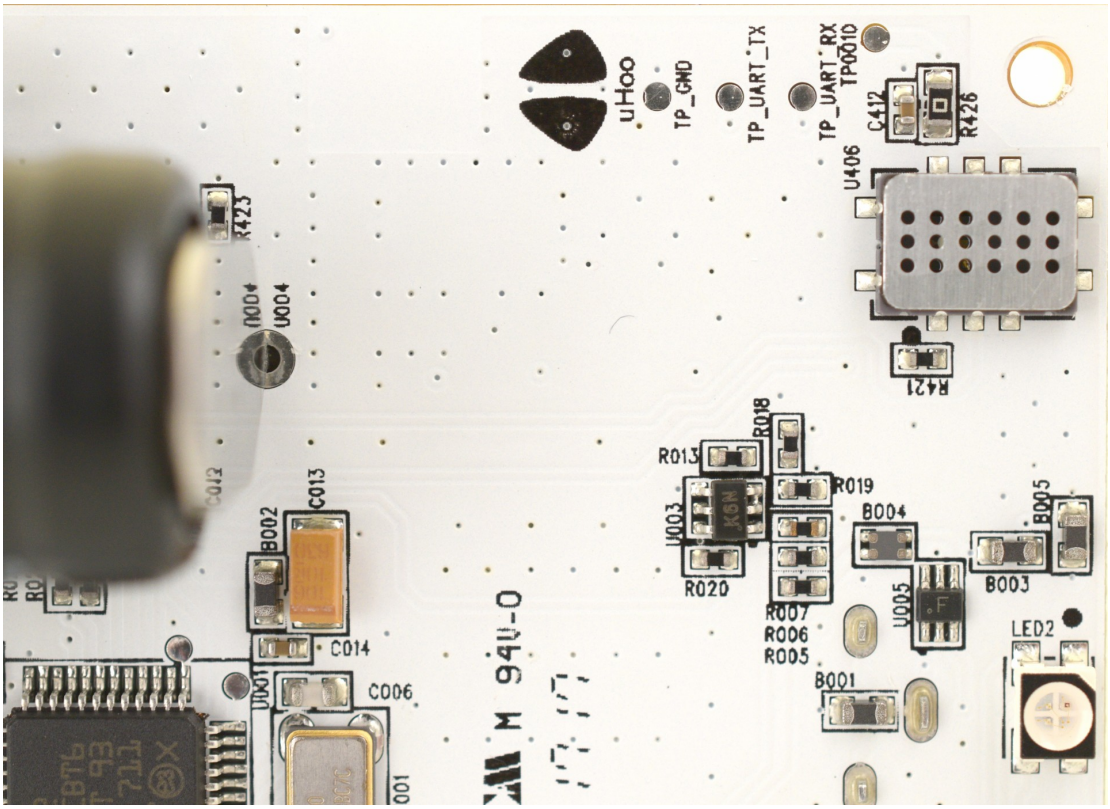
http://www.st.com/en/microcontrollers/stm32f103cb.html



CO Sensor TGS 5342 (0 ~ 10,000ppm)

https://cdn.sparkfun.com/assets/8/4/3/e/f/52a8c005757b7f292e8b456c.pdf

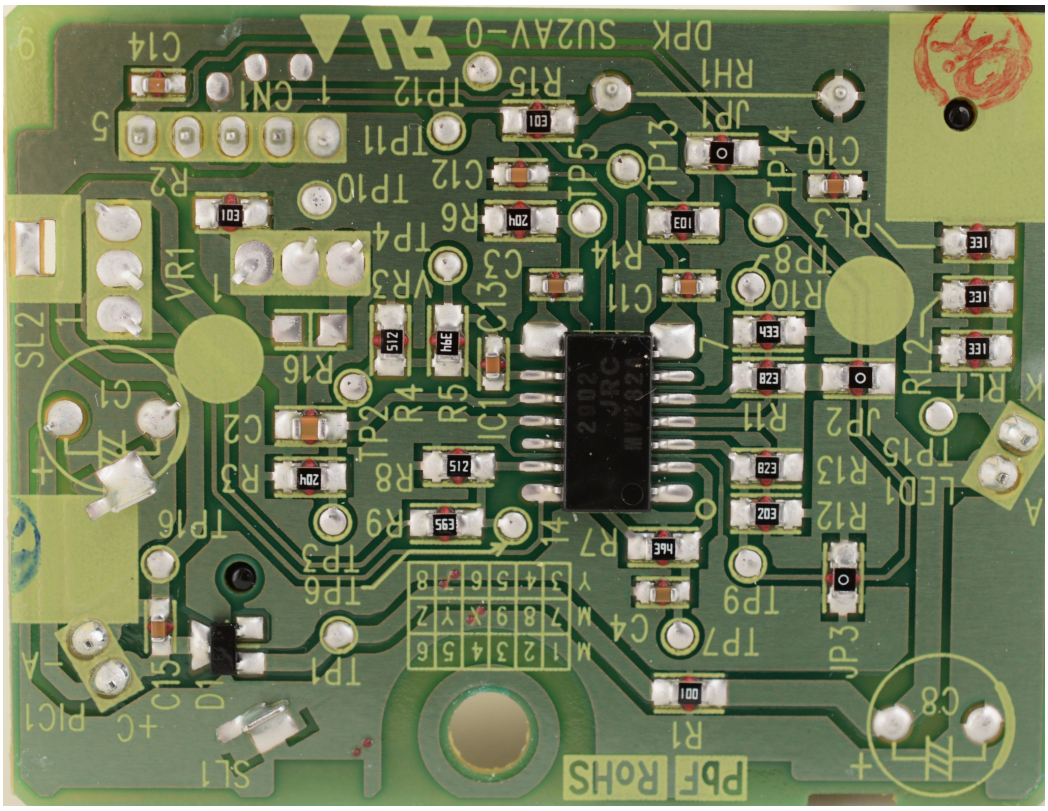
VOC/Ozone?



PM2.5 Sensor Shinyei ppd42

http://www.shinyei.co.jp/stc/eng/optical/main_ppd42.html

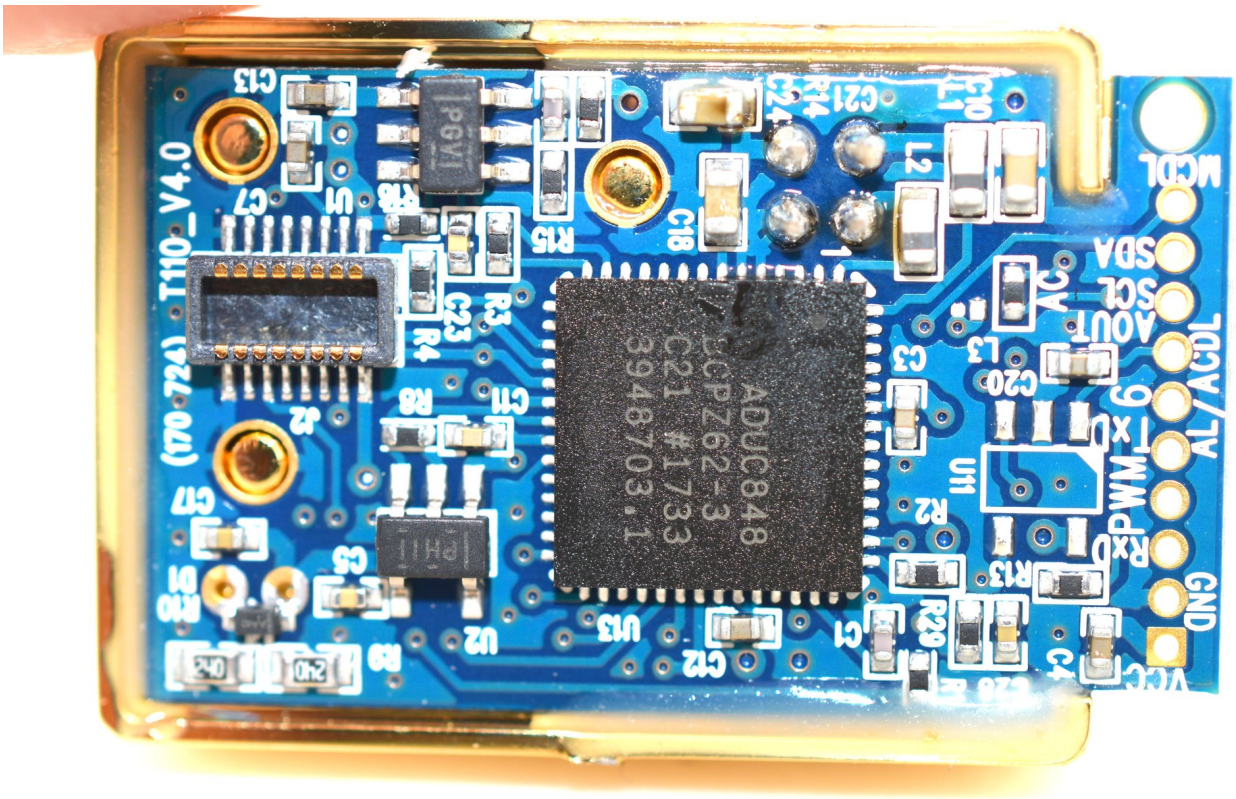
http://takingspace.org/wp-content/uploads/ShinyeiPPD42NS_Deconstruction_TracyAllen.pdf

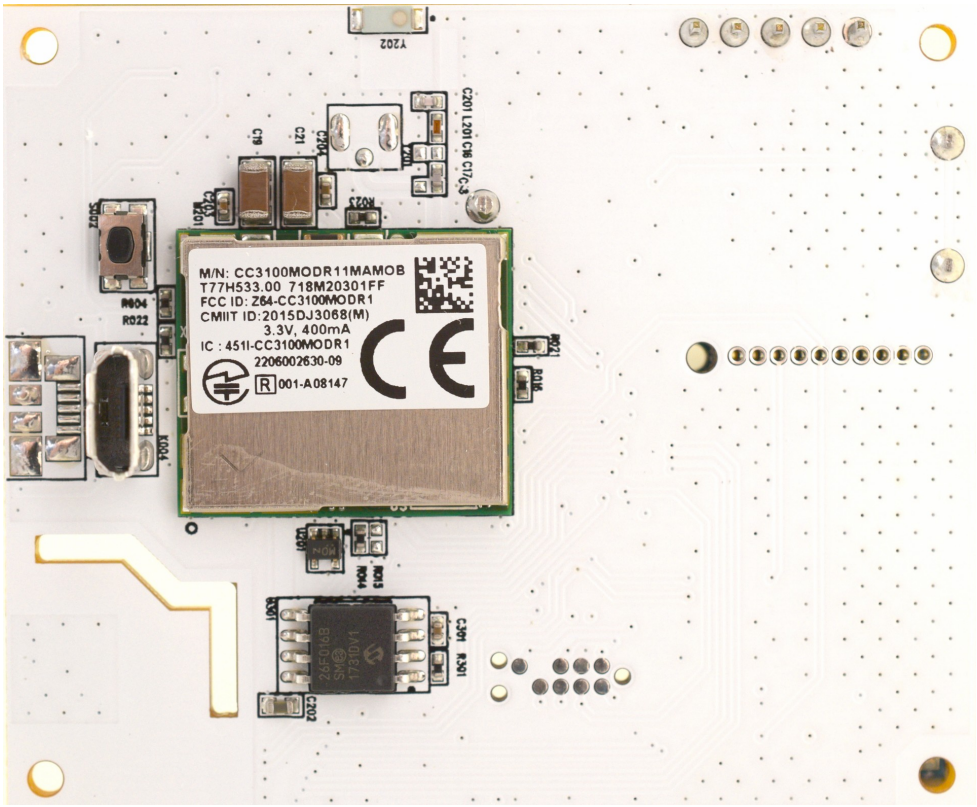


CO2 sensor ELT T110

http://eltsensor.co.kr/2012/kor/pdf/T-110/DS_T-110_Rev1.611.pdf

http://eltsensor.co.kr/2012/eng/pdf/T-110/DS_T-110-3V_ver1.211.pdf



Wi-Fi 802.11 b/g/n

http://www.ti.com/lit/ds/symlink/cc3100mod.pdf