

Table S1. Summarizing table with threshold values of the main polluting species, issued by provided by the WHO (World Health Organization) [28].

Pollutant	WHO guideline values
PM2.5	10 $\mu\text{g}/\text{m}^3$ (annual mean) 25 $\mu\text{g}/\text{m}^3$ (daily limit)
PM10	20 $\mu\text{g}/\text{m}^3$ (annual mean) 50 $\mu\text{g}/\text{m}^3$ (daily limit)
NO ₂	0.2 ppm (1-hour limit) 0.04 ppm (annual mean)
NH ₃	25 ppm TWA (Time Weighted Average) 35 ppm STEL (Short Term Exposure Limit)
VOC	111 ppb (daily limit)
CO	8.11 ppm (daily limit)
CO ₂	880 ppm (daily limit)

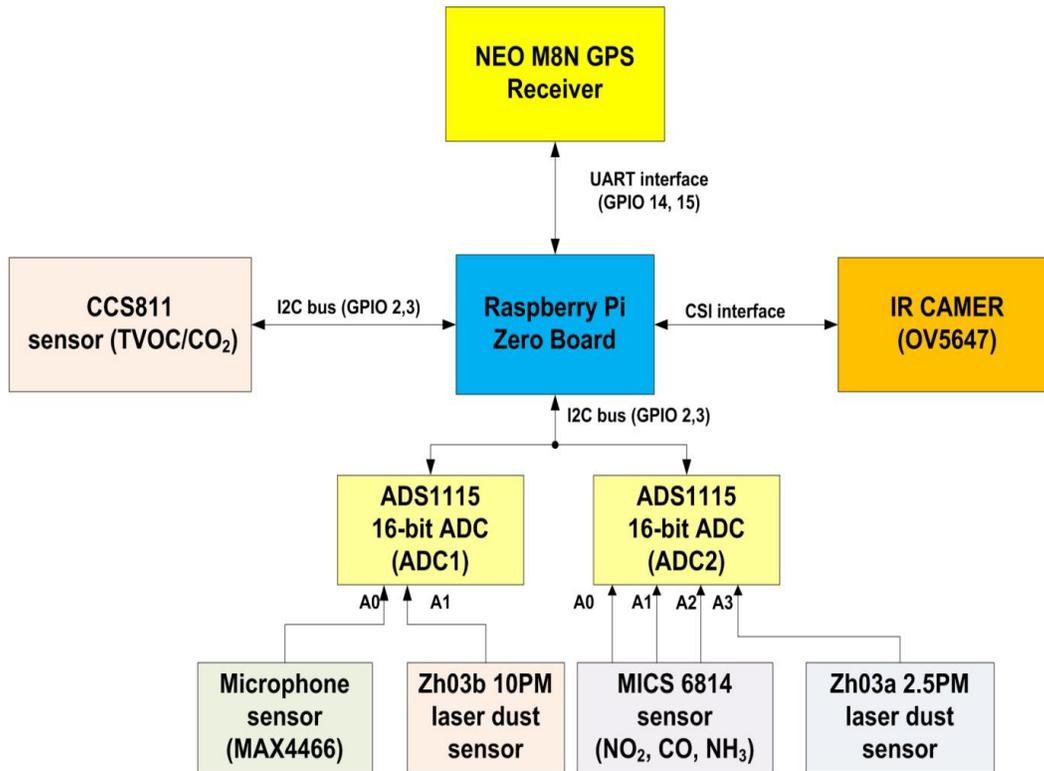


Figure S1. Block diagram of the electronic section for the environmental pollutants monitoring.