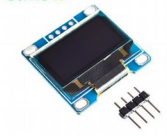
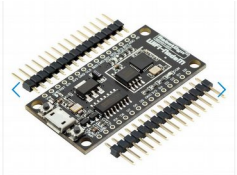
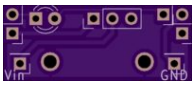
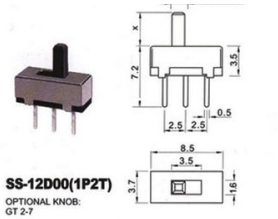
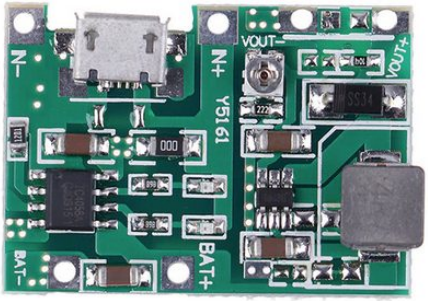
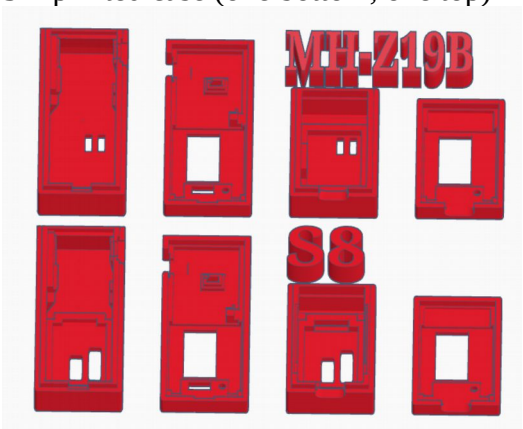
Shopping list for Covid-CO2 sensor (https://www.github.com/arnold-n/Covid-CO2)

Item	Example link
Soldering skills	https://www.youtube.com/watch?v=Qps9woUGkvI
Tools, some small wires, pin headers  	Generic, and/or https://www.tinytronics.nl/shop/nl/kabels/prototype-draden/breadboard-draden-140-stuks-verschillende-maten-in-doosje and https://www.tinytronics.nl/shop/nl/connectoren/pin-header/40-pins-header-male
CO2 sensor: -option 1: Winsen MH-Z19B, 0-2000ppm, but without pre-soldered pins  -option 2: SenseAir S8 LP 004-0-0053, but without pre-soldered pins  -option 3: Sensirion SCD-30 	https://www.tinytronics.nl/shop/nl/sensoren/winsen-mh-z19b-co2-sensor-met-kabel or https://nl.aliexpress.com/item/32823821163.html (select 2000ppm version) or https://www.digikey.nl/product-detail/en/senseair-north-america-inc/004-0-0053/2194-004-0-0053-ND/10416532 or https://www.antratek.nl/co2-and-rh-t-sensor-scd30 or https://nl.mouser.com/ProductDetail/Sensirion/SCD30
SSD1306 0.96” white OLED I2C (and not the very similar SSD1316) 	https://nl.aliexpress.com/item/32804323027.html (used for development) or https://www.tinytronics.nl/shop/nl/display/oled/0.96-inch-oled-display-128*64-pixels-wit-i2c (looks similar but I2C address mentioned is 0x78?, not sure whether it works)
NodeMCU ESP8266 board (select a reliable seller) 	https://robotdyn.com/wifi-nodem-esp8266-32m-flash-ch340g.html or https://www.tinytronics.nl/shop/nl/communicatie/wi-fi/robotdyn-esp8266-nodemcu
LED/switch PCB 	oshpark or any other PCB supplier. In NL, please ask me to avoid shipping costs for these trivial small PCBs.
THT resistors 1k Ohm, 12kOhm, 120kOhm	generic
THT 3mm LED (wires should remain thin near LED) 	generic

Switch 1P2T 3.7x8.5mm 	https://nl.aliexpress.com/item/1005001659014942.html (select 3mm)
Li-ion battery 25x30x8mm 	https://nl.aliexpress.com/item/32917329258.html
Board with TC4056 charge circuit and MT3608 DC-DC up-converter (note: this board needs a modification because unmodified output is 5.6V or more) 	https://nl.aliexpress.com/item/4000711798833.html
Software: firmware image with script included	Firmware images in https://github.com/Arnold-n/covid-CO2 Corresponding source code and configuration files: https://github.com/Arnold-n/Tasmota/tree/CO2
Micro-USB cable with power bank and/or power supply	generic
3D-printed case (one bottom, one top) 	STL files at http://www.github.com/arnold-n/Covid-CO2 and ordering from https://formalize-am.com/en/3d-printing-service/ or https://create3dshop.nl/3dprint/3d-online-printservice/