Nobike
(Input Board Schematic)
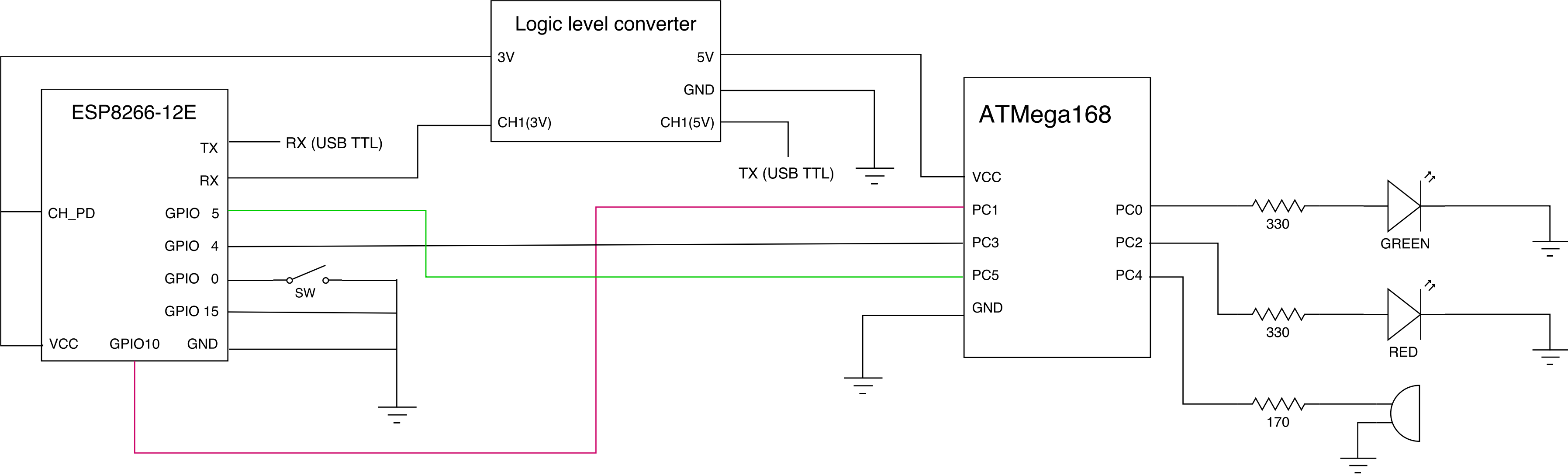

+5V

AMS1117-3.3V — 3V · 5V · GND

AMS1117-3.3V — 3V · 5V · GND

GY- NEO6MV2 — VCC, RX, TX, GND

ATMega168 — VCC, PB0, PB2, GND, PD0, PD1

ESP8266-12E — CH_PD, VCC, TX, RX, GPIO 0, GPIO 15, GND

Logic level converter — 3V, CH1(3V), 5V, GND, CH1(5V)

SW 3
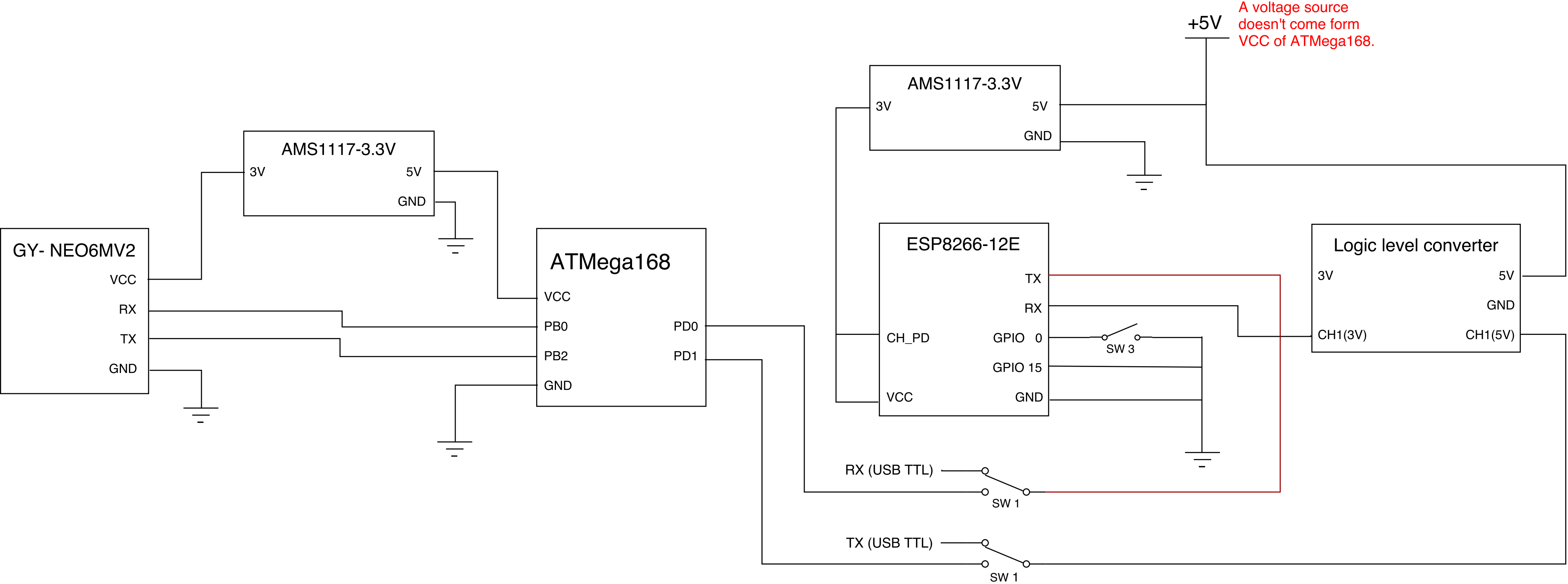
RX (USB TTL) — SW 1

TX (USB TTL) — SW 1

NOTICE : SW1, SW2, SW3, TX (USB TTL), RX (USB TTL) are used when uploading source code to ESP8266-12E

Nobike
(Output Board Schematic)

Logic level converter
- 3V
- CH1(3V)
- 5V
- GND
- CH1(5V)

ESP8266-12E
- TX — RX (USB TTL)
- RX
- CH_PD
- GPIO 5
- GPIO 4
- GPIO 0
- GPIO 15
- VCC
- GPIO10
- GND
- SW

TX (USB TTL)

ATMega168
- VCC
- PC1
- PC3
- PC5
- GND
- PC0 — 330 — GREEN
- PC2 — 330 — RED
- PC4 — 170

NOTICE : SW, TX, RX are used when uploading source code to ESP8266-12E

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