Water pump

N

L

AC/DC adapter 12V

V+

N

V-

Led stripe

12V

R

G

B

R2(light)

NO

C

Gnd

In1

Vcc

3Vb "-"

G33

3Vb "+"

Voltage converter
220Vac – 3.3Vdc

AC

AC

-V

+V

3V bus (3Vb)

R1(pump)

Gnd

In1

Vcc

3Vb "-"

G32

3Vb "+"

Gnd
In1
Vcc

USB PWR

CLK	V5
SD0	CMD
SD1	SD3
G15	SD2
G2	G13
G0	GND
G4	G12
G16	G14
G17	G27
G5	G26
G18	G25
G19	G33
GND	G32
G21	G35
RXD	G34
TXD	SN
G22	SP
G23	EN
GND	3V3

controller

LCD

VCC

GND

SDA

SCK

DHT22

3Vb "+"

10Kohm

DATA

3Vb "-"

3.3V

DATA

GND

10KOhm

L1

I/O from 13 to 45 GPIO