Outputs of U1 are normally high
Outputs of U2A, U2C are normally low
Outputs of U2B, U2D, U2E are normally high
Outputs of U3 are normally low
Outputs of U4 are normally low
Outputs of USB are normally low
Non-normal values mean that the ultrasonic water sensors have detected water in the drain pipe

Note about capacitors: 47 nF ceramic capacitors will do just as well as 100 nF caps, both for bypass and for C1, C5.

LEDs 2, 3, 5, 6 are PCB-mountable SSF-LXH100 series, set to 10 mA
LEDs 7 and 8 are large 10mm diffused lens, set to 25 mA