Arduino 3 Channel Plant Watering System v1.3

3 yellow led’s - <https://www.sparkfun.com/products/9594>

3 330 ohm ¼ watt resistors - <https://www.sparkfun.com/products/11507>

3 npn 2N2222 or 2N309 transistors - <https://www.sparkfun.com/products/521>

1 Arduino Nano - <https://www.ebay.com/itm/5Pcs-Arduino-Nano-V3-0-5V-16M-ATmega328P-Micro-Controller-Board-Mini-USB-CH340G/223501396658?ssPageName=STRK%3AMEBIDX%3AIT&_trksid=p2060353.m2749.l2649>

1 1307 RTC - <https://www.ebay.com/itm/Arduino-I2C-RTC-DS1307-AT24C32-Real-Time-Clock-Module-For-AVR-ARM-PIC-SMD/170910326110?ssPageName=STRK%3AMEBIDX%3AIT&_trksid=p2060353.m2749.l2649>

3 Capacitive moisture sensors - <https://www.amazon.com/gp/product/B07H3P1NRM/ref=ppx_yo_dt_b_asin_title_o05_s00?ie=UTF8&psc=1>

3 submersible micro-pumps - <https://www.amazon.com/gp/product/B077VLTGV8/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1>

1 adafruit Perma-Prototype board - <https://www.amazon.com/gp/product/B00SK8QR8S/ref=ppx_yo_dt_b_asin_title_o08_s00?ie=UTF8&psc=1>

Misc hardware – connecting wire, tubing, standoffs, 5/16th vinyl tubing, shrink-wrap tubing, solder, Sistema sandwich container for project box, 9 v battery and holder

Misc tools - solder-sucker, soldering station, work-lamp micro cutter and needle nose plyers, small phillips screw driver, multimeter