Soil Sensor v1 Series

## Sensor Material List (nrf24 version)

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| *Item* | *Description* |
| Sensor Module | Capacitive Soil Moisture Sensor |
| Microcontroller | Atmel Atmega 328p |
| Case/Housing | 3d Printed Design using PLA |
| Solar Panel | 5V/6V Solar Panel |
| Battery | 3.7V (18650) |
| Regulator 5V | LM7805 |
| Regulator 3.3V | AMS1117 |
| Capacitors | 0.33uF, 0.1uF, 10uF, 0.1nF |
| Resistors | 10k |
| LEDs | Green, Red |