Automated Plant Watering Device: Level 1

Potentiometer (voltage proportional to time) - between 5-30 seconds – user input

12 V and 5 V

Power Supply

2.8 V – 4.8 V

Arduino Serial.Println

COM Serial Data –Debug Info

300 mA

8-bit ADC

Moisture Sensor

Open for X seconds – determined by potentiometer

Valve

Power MOSFET

Microcontroller