

# Watering

SKU:U101



## Description

**Watering** is a capacitive soil moisture detection and adjustment unit. The product integrates water pump and measuring plates for soil moisture detection and pump water control. It can be used for intelligent plant breeding scenarios and can easily achieve humidity detection and Irrigation control. The measurement electrode plate uses the capacitive design, which can effectively avoid the corrosion problem of the electrode plate in actual use compared with the resistive electrode plate.

## Product Features

- Capacitive measuring plate (corrosion resistant)
- Integrated 5W power water pump
- LEGO compatible holes

## Includes

- 1x Watering Unit
- 2x suction pipe
- 1x HY2.0-4P cable

## Application

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- Plant cultivation
- Soil moisture detection
- Smart irrigation

## Specification

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Resources	Parameter
Pump power	5W
Net Weight	78g
Gross Weight	103g
Product Size	192.5*24*33mm
Package Size	200*35*45mm

## EasyLoader

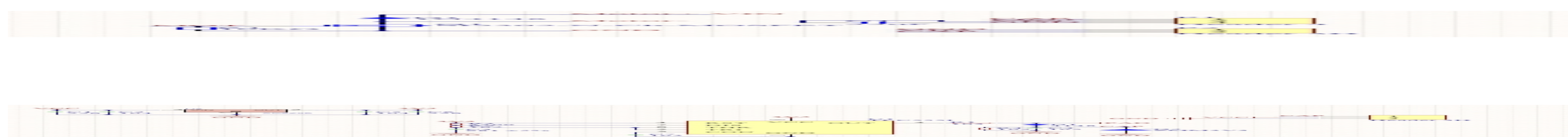
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- **Windows**
  - [Watering Test](#)
- **MacOS**
  - [Watering Test](#)

# PinMap

M5Core(PORT B)	GPIO26	GPIO36	5V	GND
Watering Unit	PUMP	INPUT	5V	GND

# Schematic



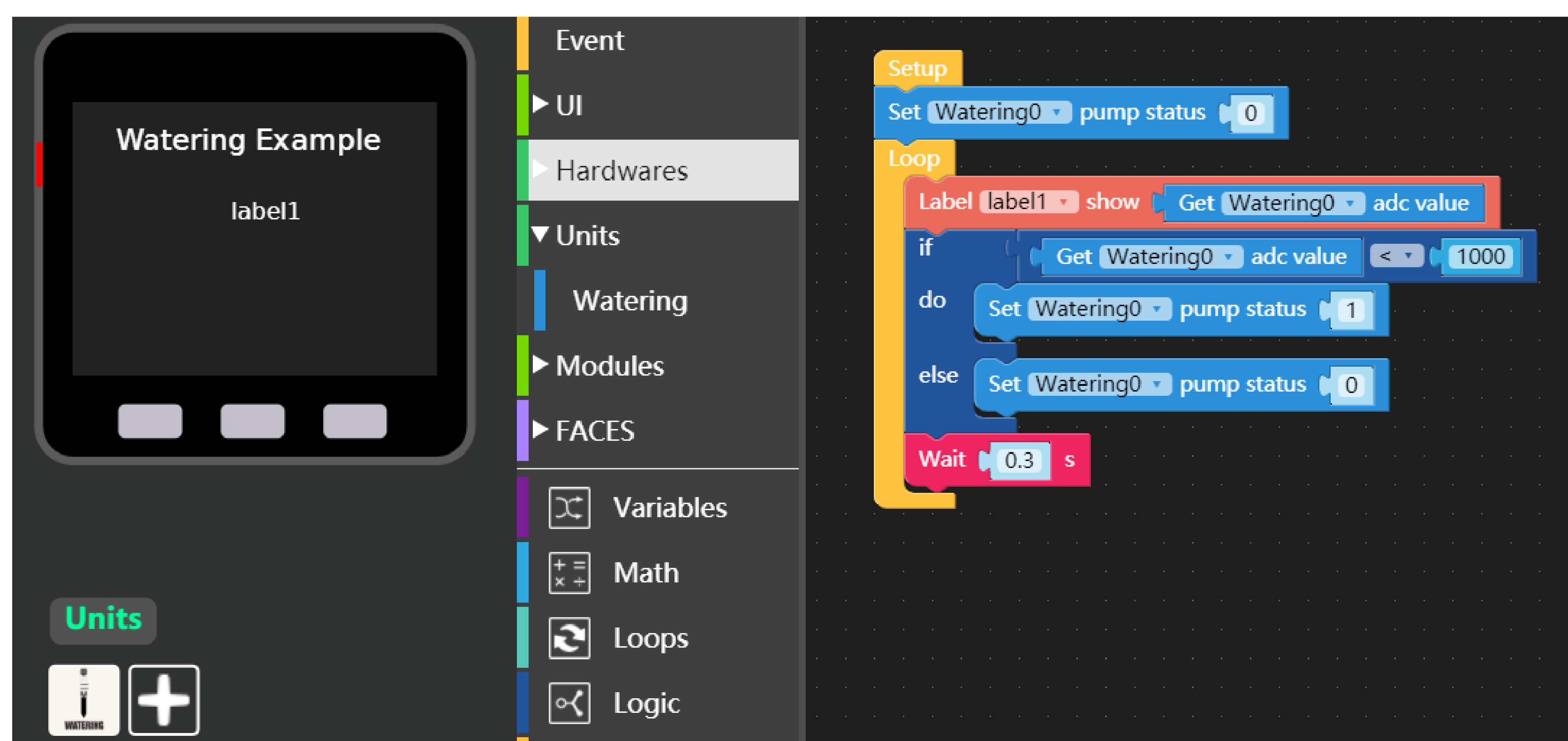
# Example

## Arduino

- [Click here to download the Arduino example](#)

## UIFlow

- [Click here to download the UIFlow example](#)



## Widget

