Breakout Garden Pinout

Switches

Rain gauge outputs a reed-switch-short per bucket-tipping
Wind direction (vane) sensor outputs a resistance.
Wind speed sensor outputs a reed-switch-short per rotation.

Weather sensor connections

5V -> 3V3 LDO Regulator for sensors

MCU

Weather HAT (PIM585)
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1.54" 240x240 LCD with backlight driver