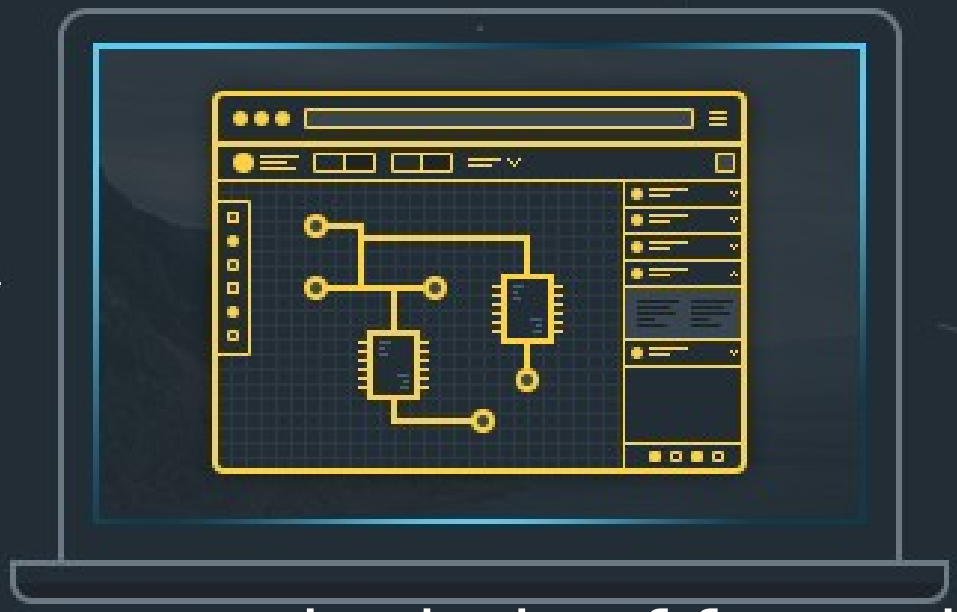
The Hackster Developer Hub



Win the hearts and minds of future hardware creators.

hackster.io

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Hackster is a developer community for learning hardware

Community Hubs

ABOUT MICROSOFT

Windows 10 IoT Core is a low-cost, small-footprint devices that will be available 'free' for Makers and commercial device builders.

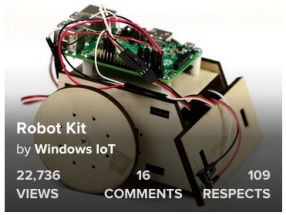
Documentation Forums Download Windows 10 IoT Core

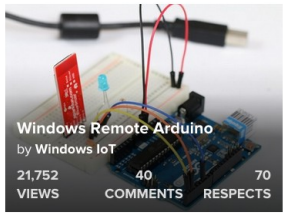
JOIN THE COMMUNITY 1029

Following

PROJECTS BUILT BY THE COMMUNITY 25

View more projects →





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“Facebook” for Products

PRODUCTS MADE BY TESSEL

Tessel

Write JavaScript; connect hardware to the internet. Learn more at tessel.io

Buy it Official page Documentation Libraries Datasheet

I own it!

96 projects

Camera Module

Add the sense of sight to Tessel! Supports 640x480, 320x240, and 160x120 Still image camera.

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15 projects

Accelerometer Module

The Accelerometer Module can detect orientation and movement of your Tessel by measuring gravity / acceleration. It features 3-Axis digital accelerometer, 12-bit resolution, and selectable ±2g/±4g/±8g scales. This module features the MMA8452Q chip for sensing.

Uses: MMA8452Q (Freescale)

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11 projects

Ambient Module

The Ambient sensor can detect sound and visible light levels. The microphone is optimized for detecting the ambient noise level in a room or building a sound-activated device. The ambient light sensor and can be used for detecting fine-grain brightness in a room.

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11 projects

Climate Module

The Climate Module can detect relative humidity and temperature from your environment. it is able to measure 0 to 70 °C (32 to 160 °F) with ±1° accuracy and measure 0% to 80% relative humidity. It uses the Si7005 chip.

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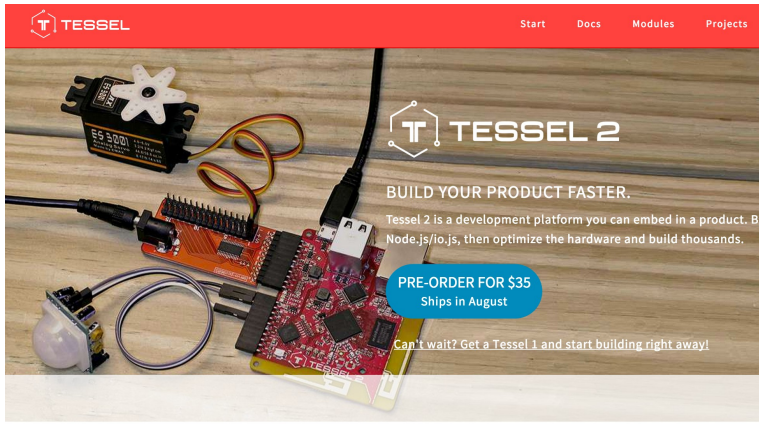
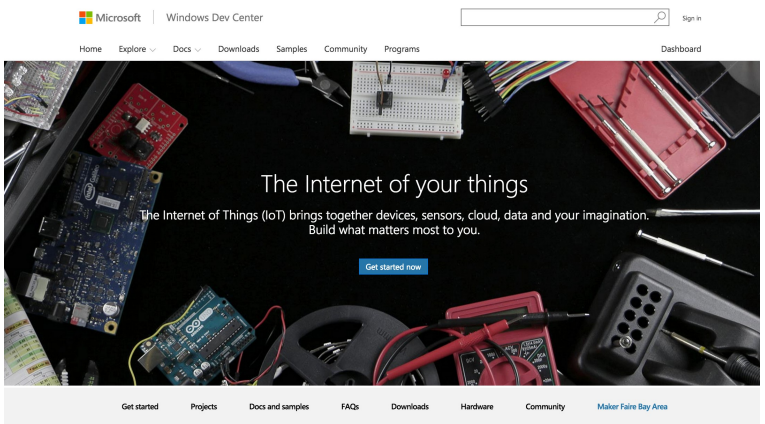
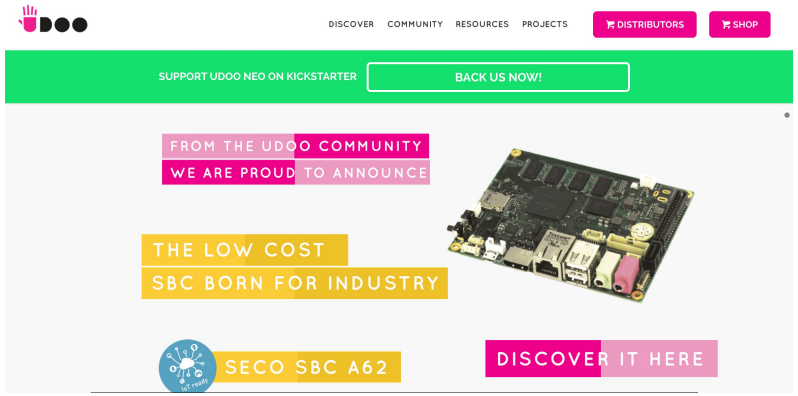
11 projects

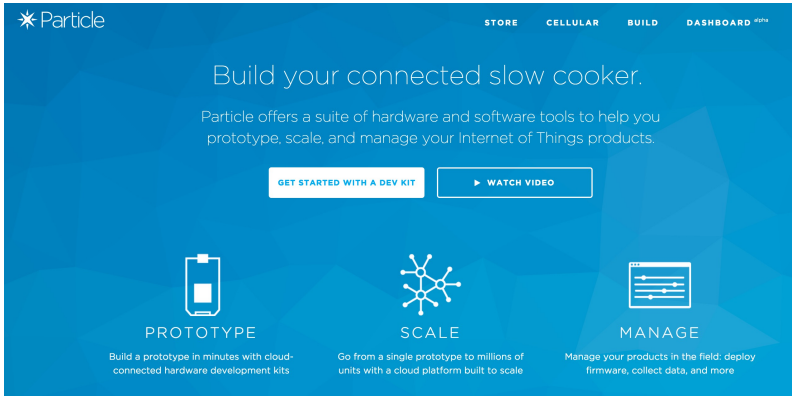
Learning by Doing & Sharing
BOM, PCB, CODE, CAD

Powering Embedded Communities

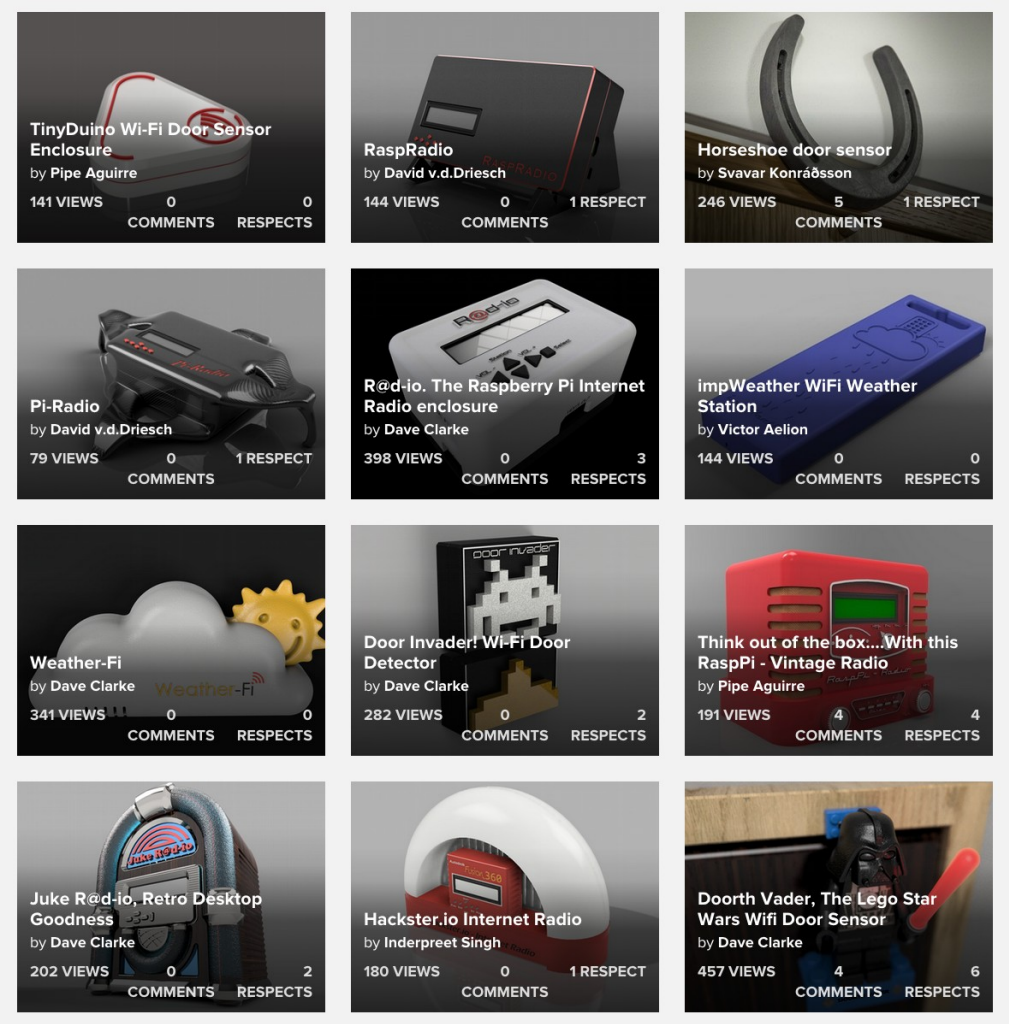






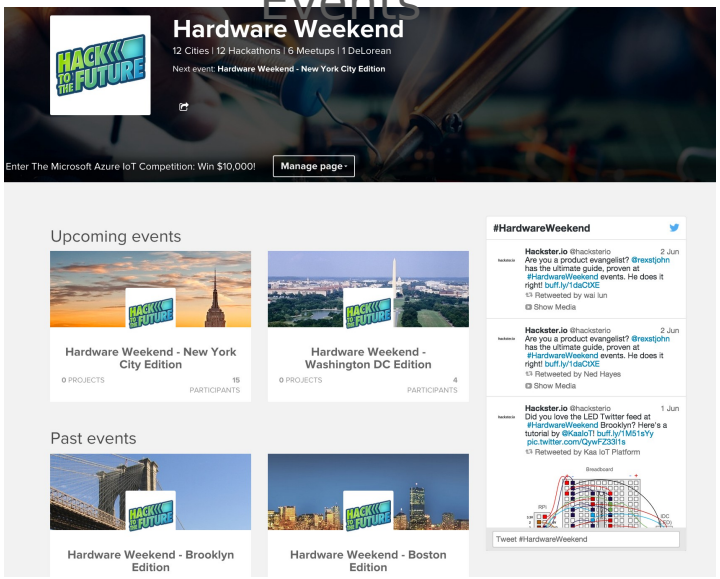


Engaging Through Contests & Challenges

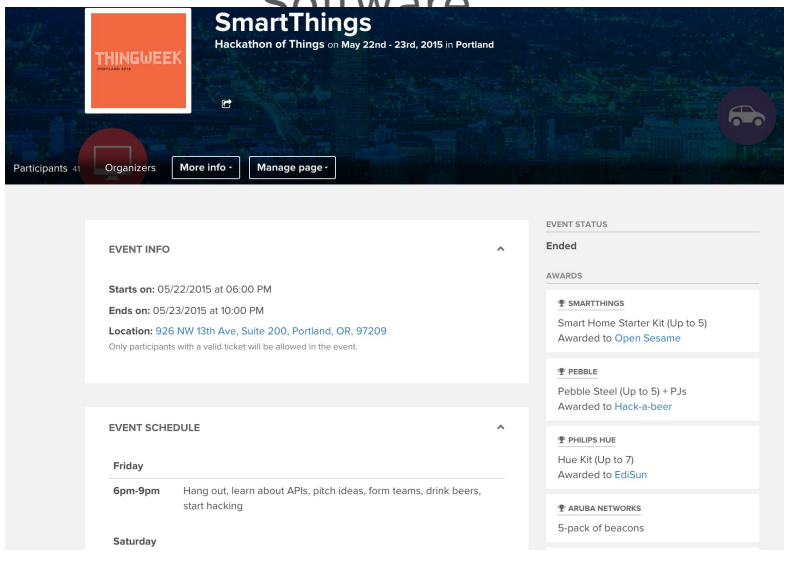


Events & Workshops

Real World Community Events



World Class Events Software



LinkIt ONE: Smart Devices for Cities

Build the best devices for better urban living!

https://www.hackster.io/challenges/smart-devices-for-smart-cities

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