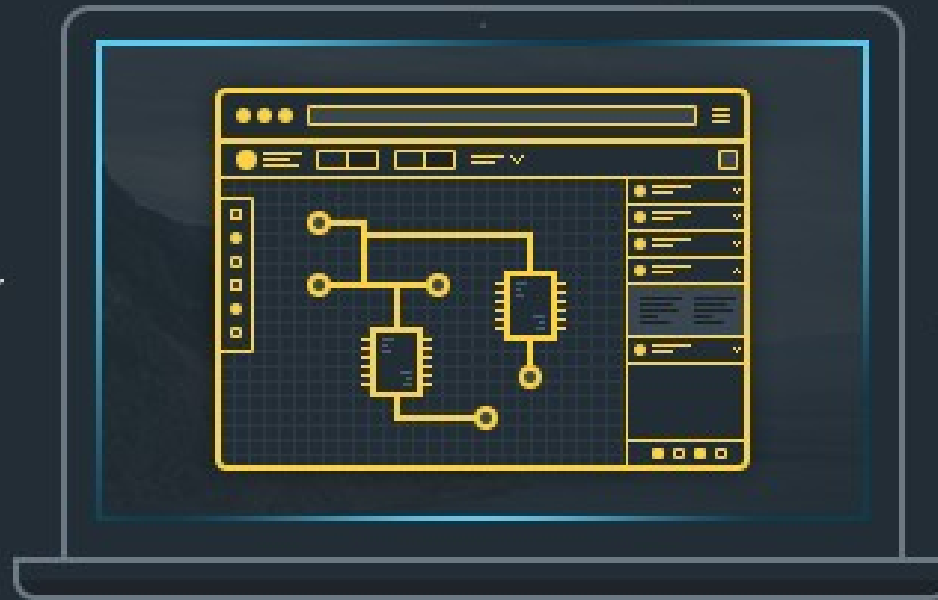


The Hackster Developer Hub



Win the hearts and minds of future hardware creators.

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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](#)



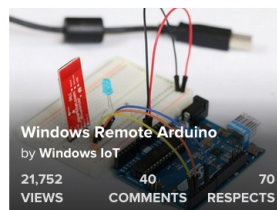
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PROJECTS BUILT BY THE COMMUNITY **25**

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“Facebook” for Products

PRODUCTS MADE BY TESSEL



Tessel

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

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Camera Module

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

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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 $\pm 2g/\pm 4g/\pm 8g$ scales. This module features the [MMA8452Q](#) chip for sensing.

Uses: [MMA8452Q \(Freescale\)](#)

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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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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 $\pm 1^\circ$ accuracy and measure 0% to 80% relative humidity. It uses the [Si7005](#) chip.

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



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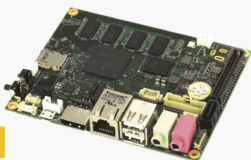
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Particle offers a suite of hardware and software tools to help you prototype, scale, and manage your Internet of Things products.

GET STARTED WITH A DEV KITWATCH VIDEO

PROTOTYPE

Build a prototype in minutes with cloud-connected hardware development kits

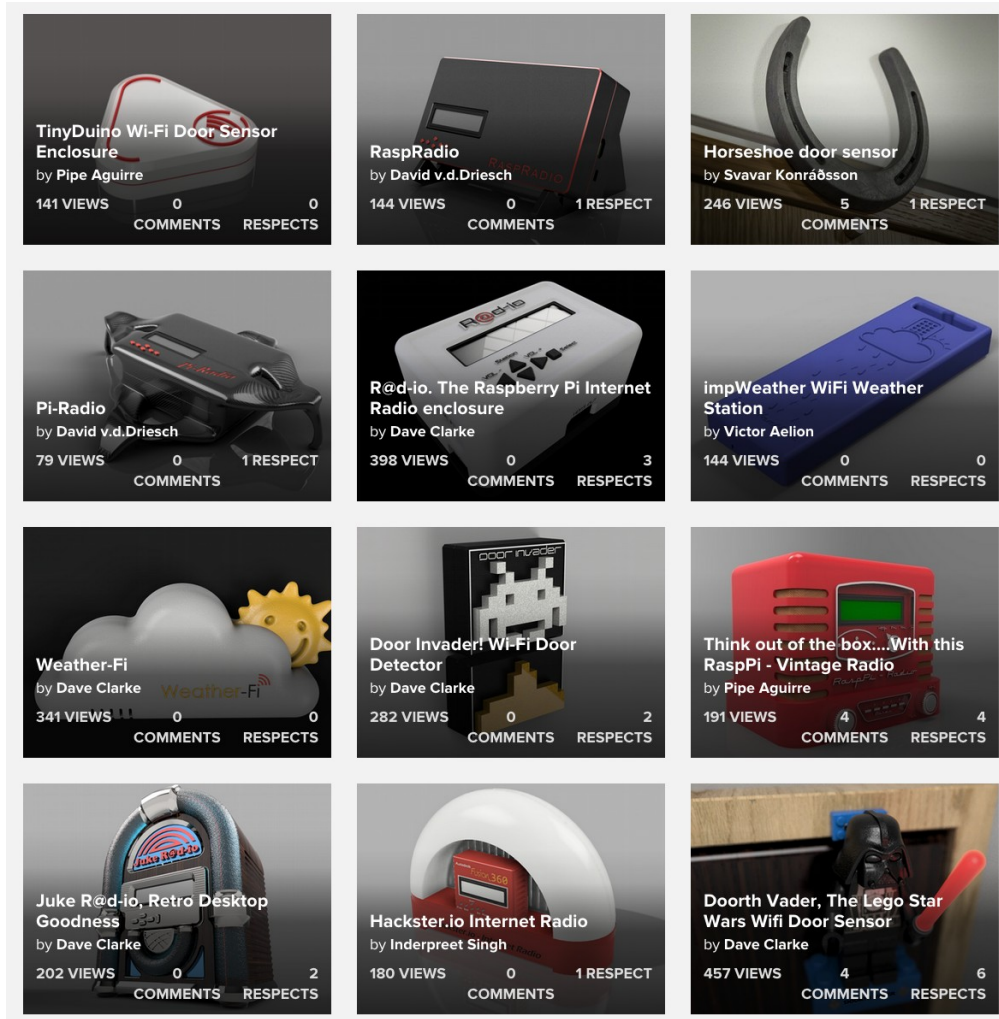
SCALE

Go from a single prototype to millions of units with a cloud platform built to scale

MANAGE


Manage your products in the field: deploy firmware, collect data, and more

Engaging Through Contests & Challenges



Events & Workshops

Real World Community Events




Hardware Weekend

12 Cities | 12 Hackathons | 6 Meetups | 1 DeLorean

Next event: **Hardware Weekend - New York City Edition**


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Upcoming events



Hardware Weekend - New York City Edition


0 PROJECTS 15 PARTICIPANTS




Hardware Weekend - Washington DC Edition

0 PROJECTS 4 PARTICIPANTS

Past events



Hardware Weekend - Brooklyn Edition




Hardware Weekend - Boston Edition

#HardwareWeekend

Hackster.io @hacksterio 2 Jun
Are you a product evangelist? @resajohn has the ultimate guide, proven at #HardwareWeekend events. He does it right! [buff.ly/1dcC9E](#)
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Did you love the LED Twitter feed at #HardwareWeekend Brooklyn? Here's a tutorial by @Kas011 [buff.ly/1M5tsY](#) pic.twitter.com/0YwE723s
↳ Retweeted by Kas IoT Platform



Tweet #HardwareWeekend

World Class Events



SmartThings

Hackathon of Things on May 22nd - 23rd, 2015 in Portland

Participants 41 Organizers [More info](#) [Manage page](#)

EVENT INFO

Starts on: 05/22/2015 at 06:00 PM

Ends on: 05/23/2015 at 10:00 PM

Location: 926 NW 13th Ave, Suite 200, Portland, OR, 97209

Only participants with a valid ticket will be allowed in the event.

EVENT SCHEDULE

Friday

6pm-9pm Hang out, learn about APIs, pitch ideas, form teams, drink beers, start hacking

Saturday

EVENT STATUS

Ended

AWARDS

SMARTTHINGS
Smart Home Starter Kit (Up to 5)
Awarded to [Open Sesame](#)

PEBBLE
Pebble Steel (Up to 5) + PJs
Awarded to [Hack-a-beer](#)

PHILIPS HUE
Hue Kit (Up to 7)
Awarded to [EdiSun](#)

ARUBA NETWORKS
5-pack of beacons

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Build the best devices for better urban living!

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



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