

SeedStudio BeagleBone Green HDMI Cape

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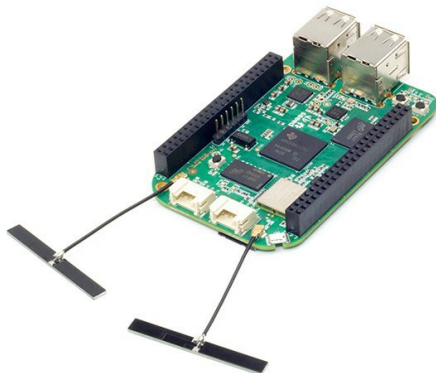
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5 Inch BeagleBone Green LCD Cape with Resistive Touch

5 Inch BeagleBone Green LCD Cape with Resistive Touch

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BeagleBone Green Wireless Development Board (TI AM335x WiFi+BT)

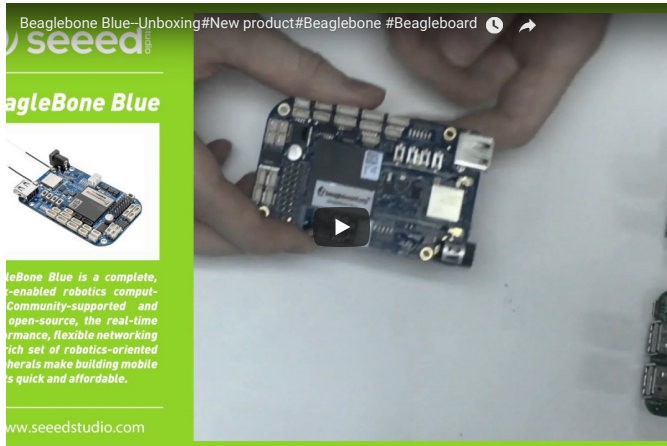
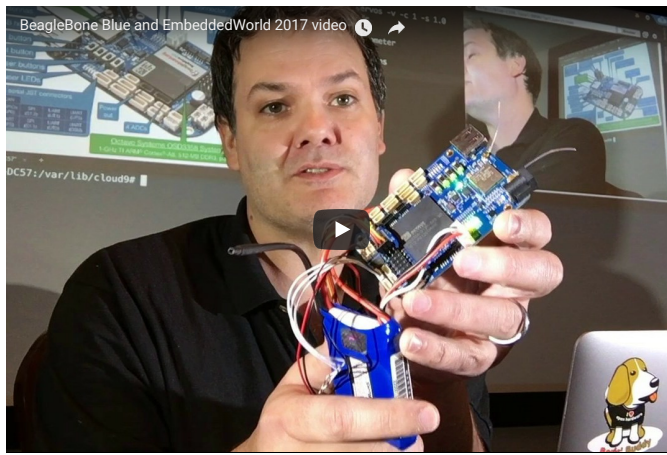
BeagleBone Green Wireless Development Board (TI AM335x WiFi+BT)

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Description

BeagleBone® Blue is the affordable and complete robotics controller built around the popular BeagleBone® open hardware computer. Linux-enabled, Blue is community-supported and fully open-source. High performance, flexible networking capabilities are coupled with a real-time capable Linux system and a computing server peripheral for building mobile robots quickly and affordably. Utilizing the pre-configured WiFi access point, starting your code development

is as simple as connecting a battery and opening your web browser.



Features

Processor

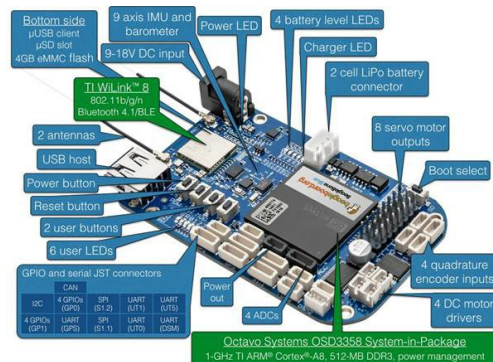
- Octavo Systems OSD3358 1GHz ARM® Cortex-A8
- 512MB DDR3 RAM
- 4GB 8-bit on-board flash storage
- 2×32-bit 200-MHz programmable real-time units (PRUs)
- On-board flash programmed with Linux distribution

Connectivity and sensors

- Battery: 2-cell LiPo support with balancing, 6-16V charger input
- Wireless: 802.11bgn, Bluetooth 4.1 and BLE
- Motor control: 8 6V servo out, 4 DC motor out, 4 quad enc in
- Sensors: 9 axis IMU, barometer
- Connectivity: HighSpeed USB 2.0 client and host
- Other easy connect interfaces: GPS, DSM2 radio, UARTs, SPI, I2C, analog, buttons, LEDs

Software Compatibility

- Debian, ROS, Ardupilot, ...
- Graphical programming, Cloud9 IDE on Node.js



Technical Details

Dimensions 175mm x 112mm x 40mm
Weight G.W 36g
Battery Exclude

Part List

BeagleBone® Blue1

ECCN/HTS

ECCN 5A002.a.1
HSCODE8471504090

Documents

Learn



[Wiki] Wiki of BeagleBone Blue
This is wiki of BeagleBone Blue.

Reviews

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Questions and Answers

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