Survey of Open Source Hardware
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Quick definition

“Open source hardware is hardware whose design is made publicly available so that anyone can study, modify, distribute, make, and sell the design or hardware based on that design.”

- OSHWA 1.0
So what IS open hardware?

- MinnowBoard Turbot
- BeagleBoard
- Intel Galileo
- Arduino
- Olimex
- Littlebits
Big things that have come out

- OSHWA has released v1.0 of their certification program
Big things that have come out

- Beginning to spread...

http://exiii-hackberry.com/
Big things that have come out
Big things that have come out

ARDUINO
Big things that have come out

● C.H.I.P. kickstarter
  ○ $9 computer
  ○ Raised over $2M
  ○ Shipping boards
Big things that have come out

- Google joins Open Compute
  - Announced earlier this year
So where’s this all going

What does this mean?

- Open Source Hardware adoption and creation is accelerating
- Low Speed designs are easier, and cheaper, - this is where it will grow from
- Higher speed designs will continue, but at a slower pace
Q & A