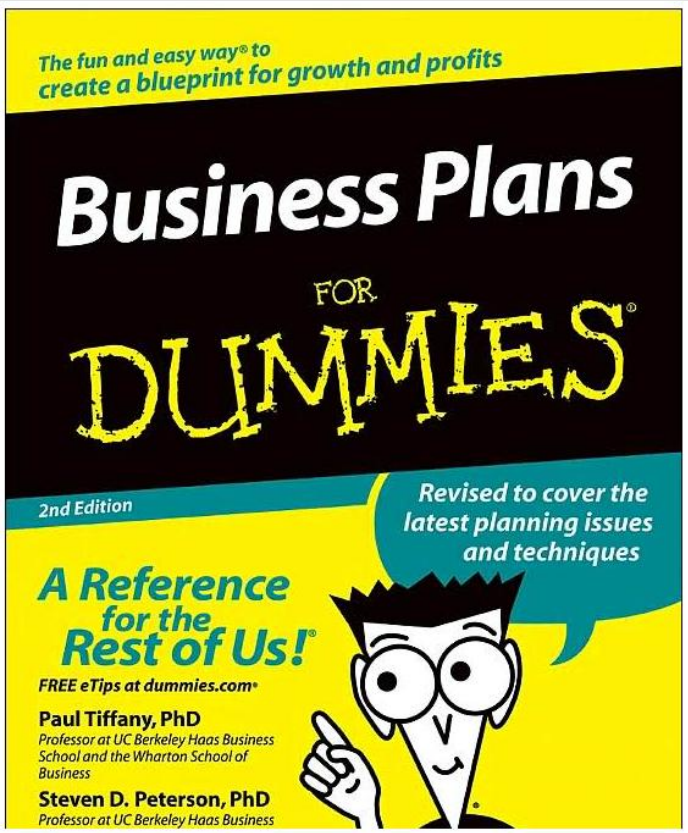

sparkfun®
ELECTRONICS

Collaborative Design

SparkFun Electronics Inc

- 9 years old
- 135 employees (41 dogs)
- Self-funded
- 50/50 global/domestic split
- Making it up as we go



SparkFun Builds Businesses

sparkfun ELECTRONICS

BIG TIME

Products | Support | Tutorials | Distributor

Categories

- New Products
- Top Sellers
- Staff Picks
- Gift Certificates
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- Breakout Boards
- Cables
- Cellular
- Components
- Development Tools
- Dings and Dents
- E-Textiles
- GPS
- Kits
- LCDs
- Port-O-Rotary

Home | Product Categories | Drivers | BO

L6470 Stepper Driver Breakout

sku: BOB-10859 RoHS✓

Description: STMicro's L6470 (a.k.a "dSPIN" bipolar stepper motor driver. It has built-in ov detection, undervoltage detection, overtempe stall detection, a 5-bit ADC, and a switch inpu for either user jog control or as a hard stop fun weren't enough, it also features microstepping microsteps per full step) and PWM drive volta

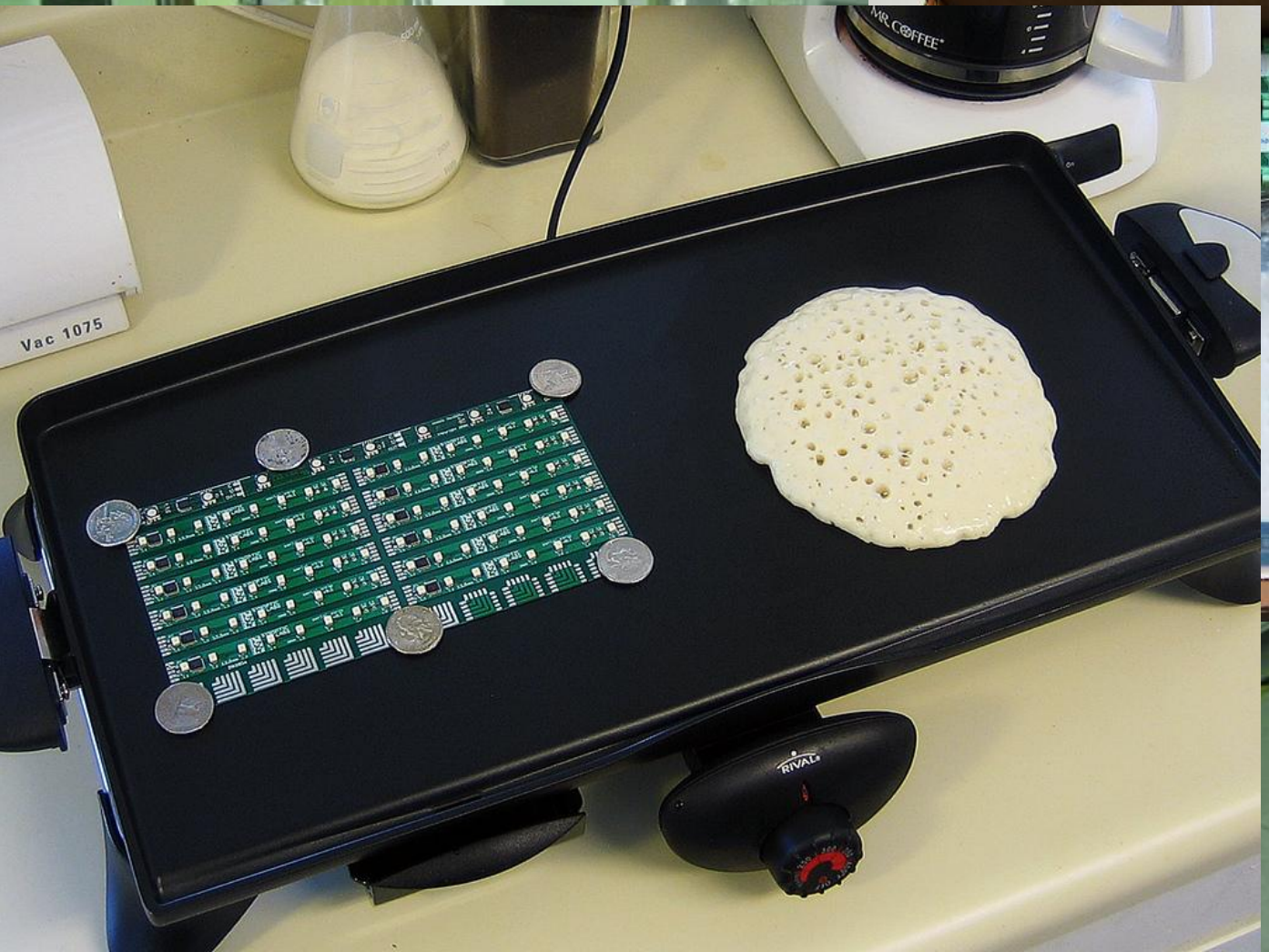
Unlike most stepper motor drivers, the dSPIN an SPI link. It has an on-board 16MHz oscillato autonomously execute movement commands. more counting steps in your code! It also suppo acceleration and deceleration profiles to preve stops. On-board registers track current speed a

This L6470 Stepper Driver Breakout makes it easy to put the dSpin to work in your project. Simply connect your motors and your SPI-capable microcontroller and get steppin'!

open hard

images are CC

You can build it!



Website!

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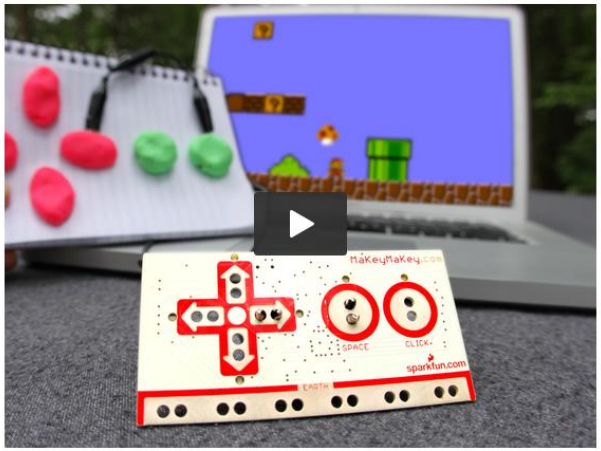
MaKey MaKey: An Invention Kit for Everyone

An Open Hardware project in Santa Cruz, CA by Jay Silver · send message

PROJECT HOME | UPDATES 0 | BACKERS 428 | COMMENTS 13 | REMIND ME



Mother
$5

428
BACKERS

$18,608
PLEDGED OF $25,000 GOAL

28
DAYS TO GO

THIS PROJECT WILL ONLY BE FUNDED IF AT LEAST $25,000 IS PLEDGED BY TUESDAY JUN 12, 8:00PM EDT.

BACK THIS PROJECT
$1 MINIMUM PLEDGE

Three Outcomes

Three Outcomes

Sell a few

Keep your day job

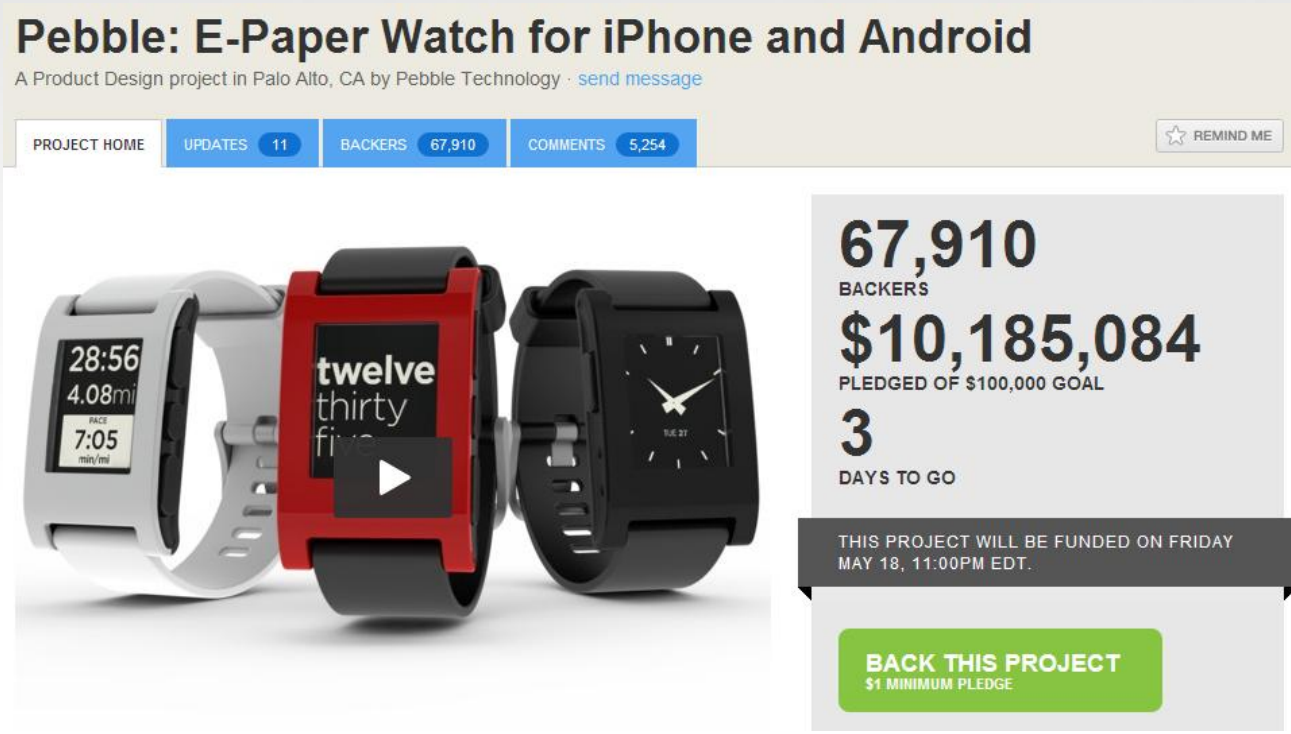
Make enough to pay for more tools

Three Outcomes

Sell Pebble

Quit your day job

Go to China



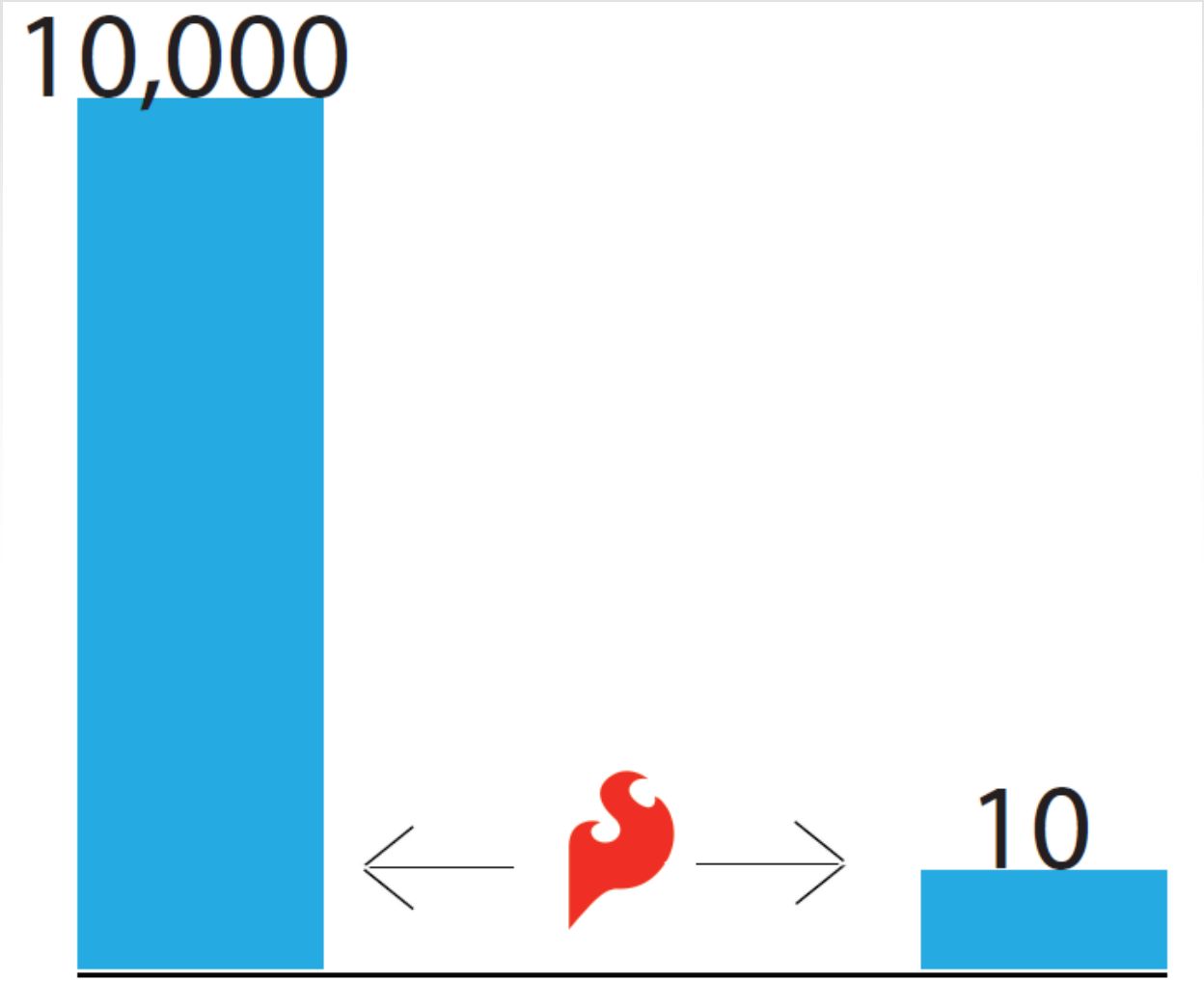
Three Outcomes

Pit of Despair

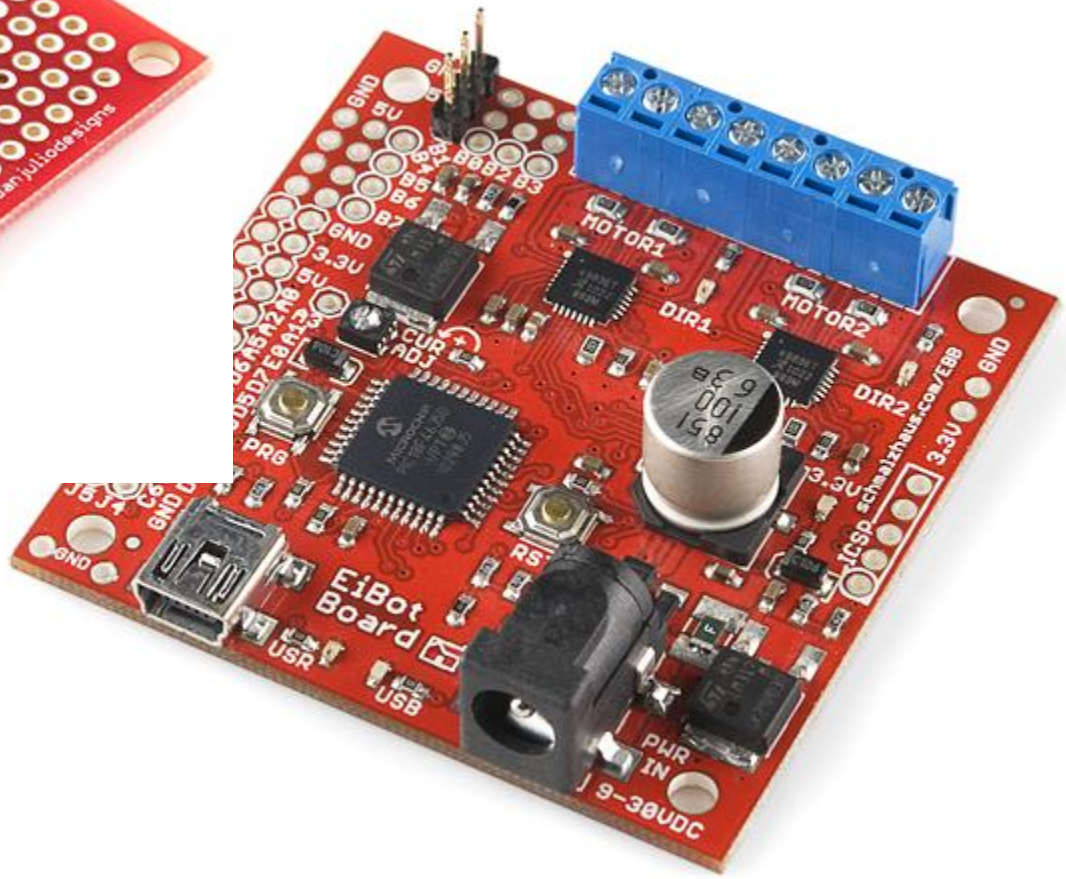
Can’t quit. Must ship.

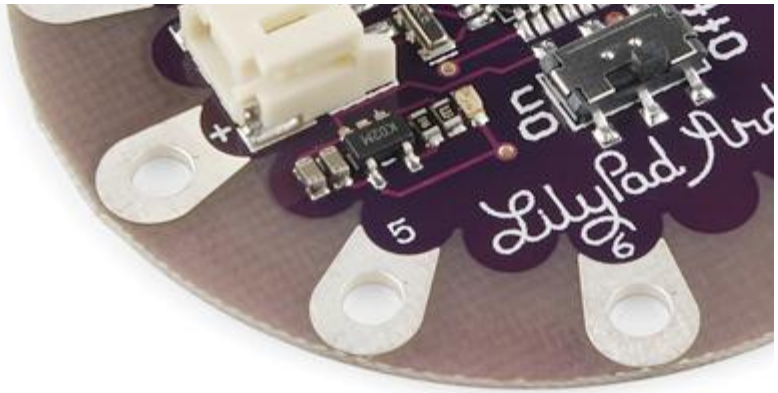
“This is what you'll get. It took us about 6 minutes to test/cal, screw, and kit this. We just have.... 150 to go...” (900 minutes = 15 hours)

Collaborate!



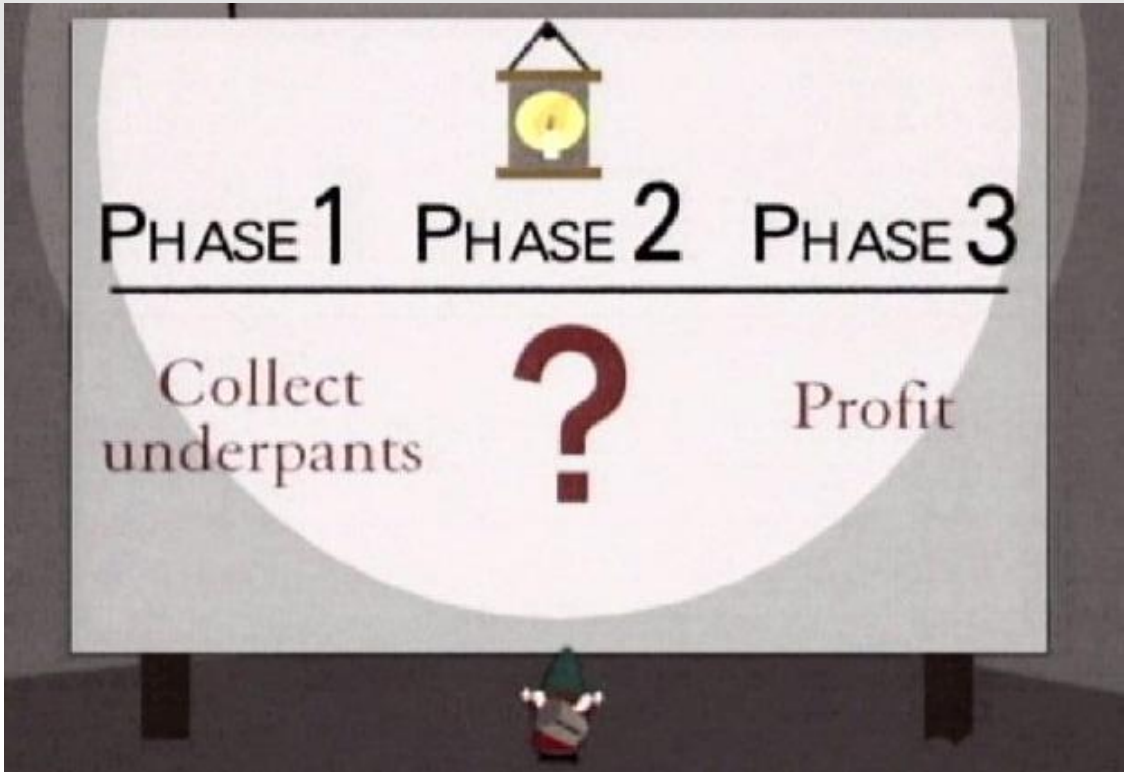
Collaborations Work





Some Collaborations Don’t Work

- It’s hard
- It doesn’t always work out

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