



5V 2A (2000mA) switching power supply - UL Listed

PRODUCT ID: 276

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[DESCRIPTION](#)[TECHNICAL DETAILS](#)[LEARN](#)

DESCRIPTION

This is a FCC/CE certified and UL listed power supply. Need a lot of 5V power? This switching supply gives a clean regulated 5V output at up to 2000mA. 110 or 240 input, so it works in any country. The plugs are "US 2-prong" style so you may need a plug adapter, but you can pick one up at any hardware store for a \$1 or so.

This cable terminates with a 'standard' 5.5mm OD, 2.1mm ID positive tip connector and with match with our [2.1mm extension cord](#), [female terminal block adapter](#), [breadboard-friendly DC jack](#), etc.

This adapter is great for use with [RGB LED pixels](#), [Neopixels](#) or [addressable LED strip](#), etc. Its not good for powering an Arduino thru the DC jack as it requires at least 7.5V - check out our 9V adapter instead!

This particular adapter is very nice, much better than the 'PSP charger' we got before, with better stability and less drooping at high currents. We even splurged to get a high quality supply that is FCC/CE certified and UL listed!

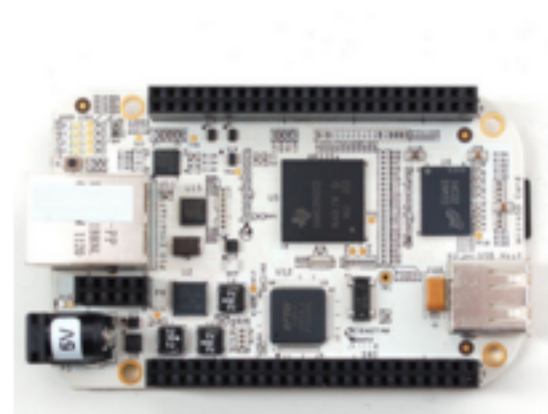
Some customers have asked us why the label seems to say ".2A" instead of "2A" - there is a comma in front of the 2 that looks like a dot! It is really a 2A supply.

TECHNICAL DETAILS



- 47mm x 33mm x 33mm (1.9in x 1.3in x 1.3in)
- Cable Length: 1.83/72in (5')
- Cable Diameter: 3.5mm (0.125in)
- Plug type: 5.5mm OD / 2.1mm ID 'coaxial' DC plug
- Input: 110V-220V AC
- Output: ~5V DC up to 2A

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BeagleBone

Tutorials for the TI embedded Linux board



FPGA RGB Matrix

Control large RGB LED matrices using an FPGA



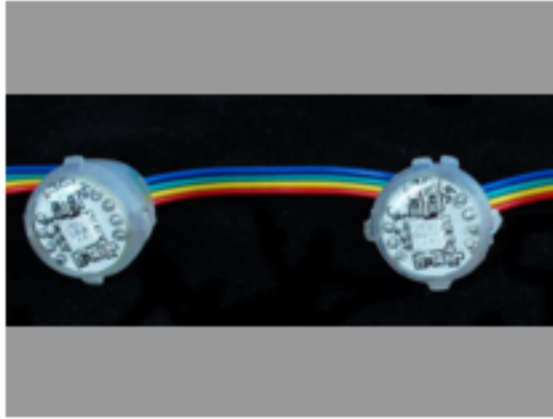
12mm LED Pixels
12mm silicone-encased glowy dots!



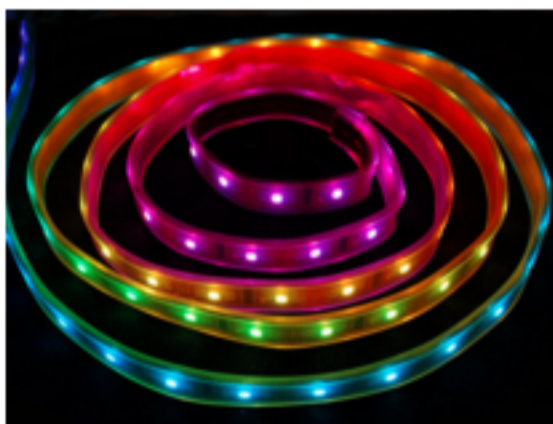
Power Supplies
Power in, power out!



20mm LED Pixels
20mm Diameter Glowey Dots!



Digital RGB LED Strip
Glowy, flexy and addressable!



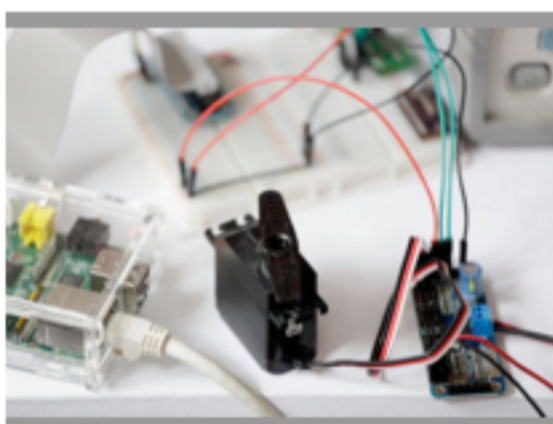
Adalight Project Pack
Mood lighting for your media PC



Light Painting with Raspberry Pi
Awesome photographic effects!



Adafruit 16 Channel Servo Driver with Raspberry Pi



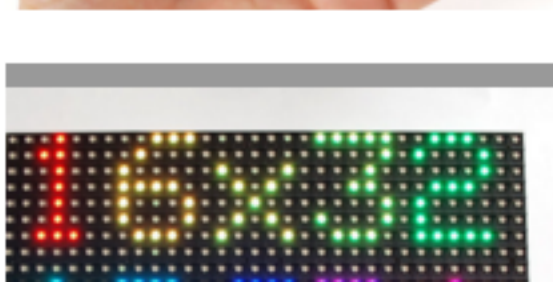
Mini Thermal Receipt Printer
Print receipt paper from a little printer

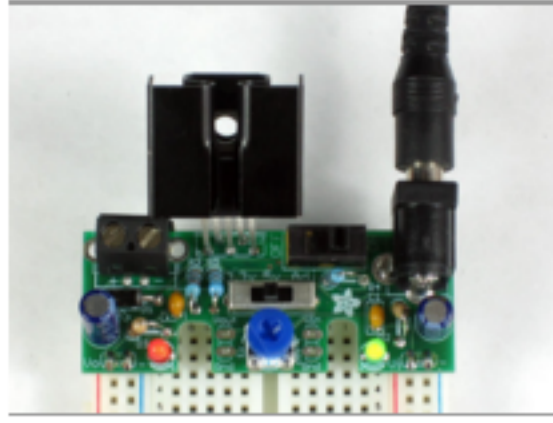


Chumby Hacker Board
All the joy of Chumby, with extra chewy breakouts!

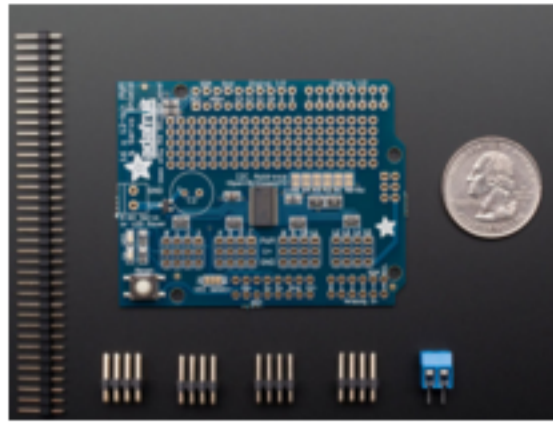


32x16 and 32x32 RGB LED Matrix
HUNDREDS of pixels of eye-blasting LED glory!

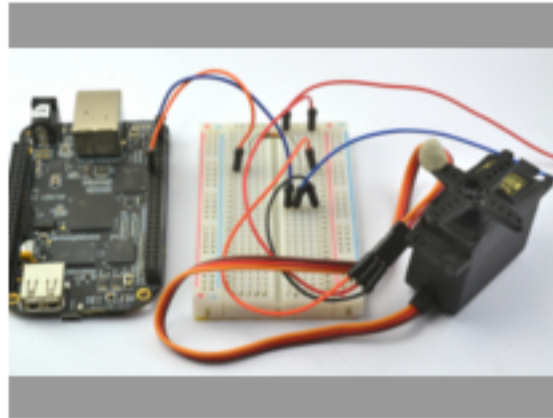




[Adjustable Breadboard Power Supply Kit](#)
A very low dropout adjustable power supply



[Adafruit 16-channel PWM/Servo Shield](#)
16 channels of servo-bustin' power



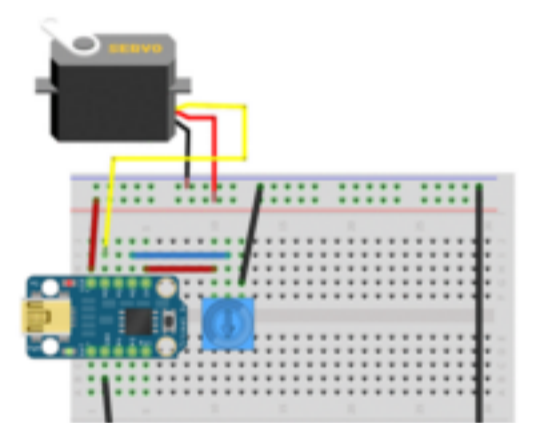
[Controlling a Servo with a BeagleBone Black](#)
Use a BeagleBone Black and Python to set the position of a servo



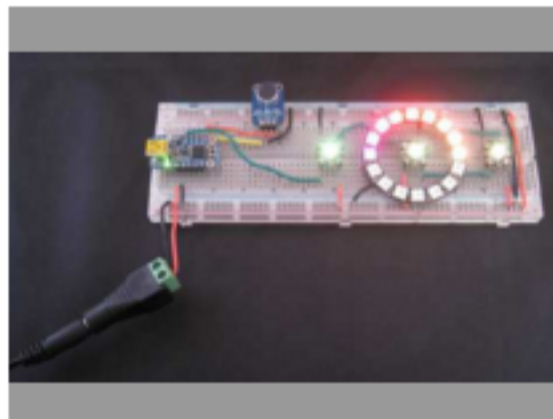
[Adafruit NeoPixel Überguide](#)
Everything you always wanted to know about Adafruit NeoPixels but were afraid to ask



[Using NeoPixels with Netduino Plus 2](#)
It used to be impossible to use NeoPixels with Netduino, until now!



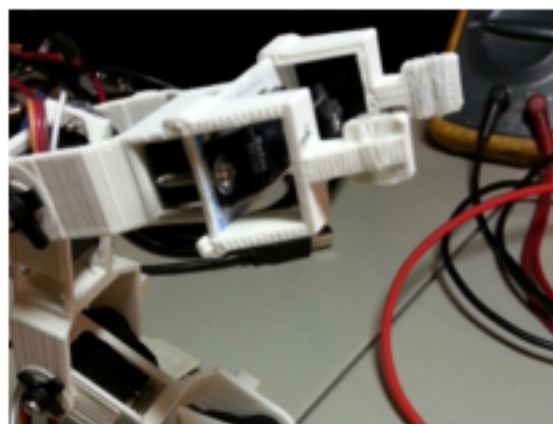
[Trinket \(& Gemma\) Servo Control](#)
Get your Trinket or Gemma moving



[Trinket Sound-Reactive LED Color Organ](#)
Add sound reactive color to your tunes.



[Making Adabot: Part 2](#)
Make your bot move, blink, and smile!



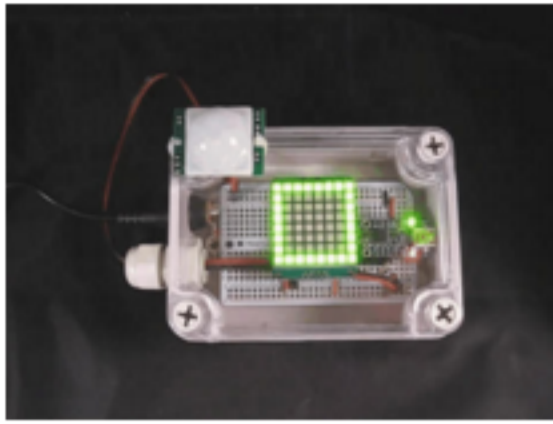
[Trainable Robotic Arm](#)
Teach this arm to move with your own hands



[Trinket Bluetooth Alarm System](#)
Use the Trinket to build a custom wireless alarm system



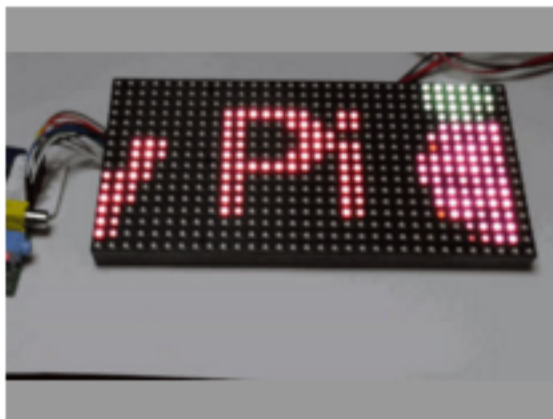
[LED Trinket Tree Topper](#)
3D Printed Moravian Star + NeoPixel + Trinket Topper



[Trinket-Powered Conference Room Occupancy Display](#)
A LED matrix project that displays when a room is occupied



[Trinket RGB Shield Clock](#)
Yes, Trinket can interface with several larger parts



[Connecting a 16x32 RGB LED Matrix Panel to a Raspberry Pi](#)
How to connect a 16x32 RGB LED display to your Raspberry Pi



[16x32 RGB Display with Raspberry Pi - part 2](#)
Daisy-chain three 16x32 LED Displays with a Raspberry Pi



[Embedded Linux Board Comparison](#)
Raspberry Pi, Beaglebone Black, Arduino Yun, and Intel Galileo--which one is right for you?



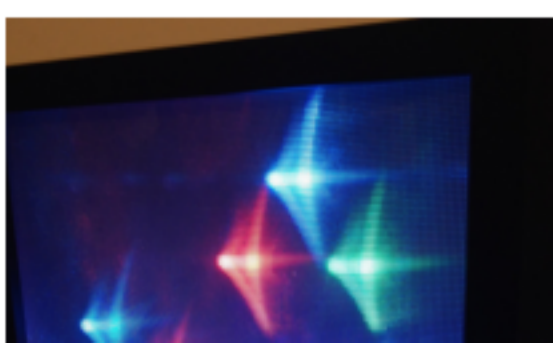
[Free-Wired 3x3x3 NeoPixel Cube](#)
Eye Candy in Three Dimensions



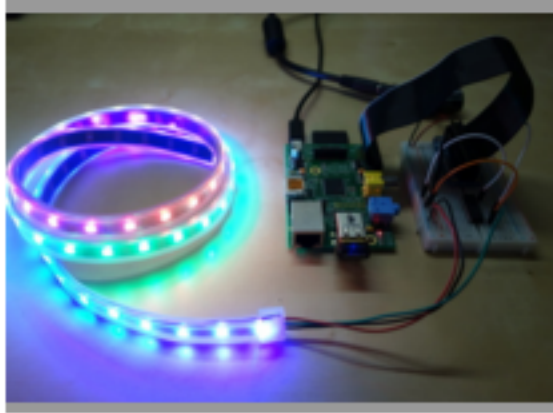
[Madison's NeoClock - A PIC + KiCAD + NeoPixel adventure](#)
A NeoPixel desk clock you may only have to set once.



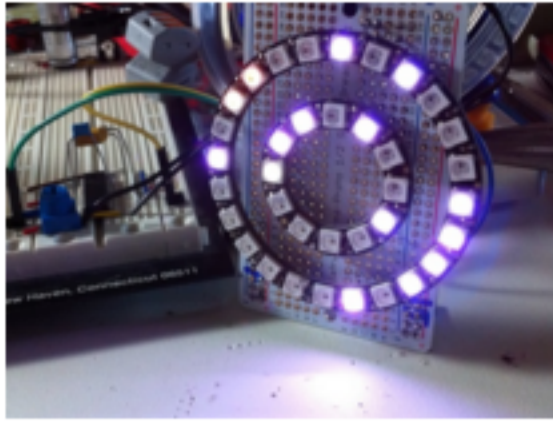
[Setting up WiFi with BeagleBone Black](#)
Use a USB WiFi adapter to get your BeagleBone Black on the Internet!



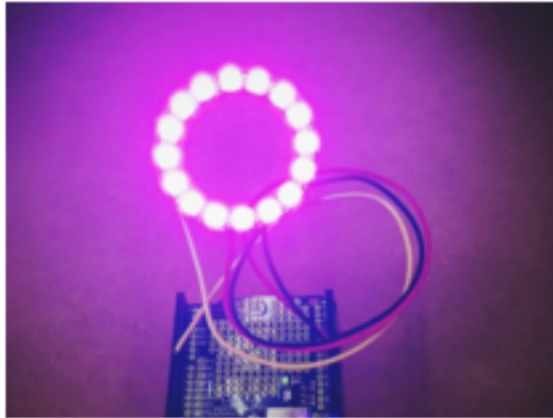
[LED Lightbox](#)
Build a decorative, programmable LED display pretty enough to hang on a wall!



[NeoPixels on Raspberry Pi](#)
How to control NeoPixel LEDs with Python on a Raspberry Pi!



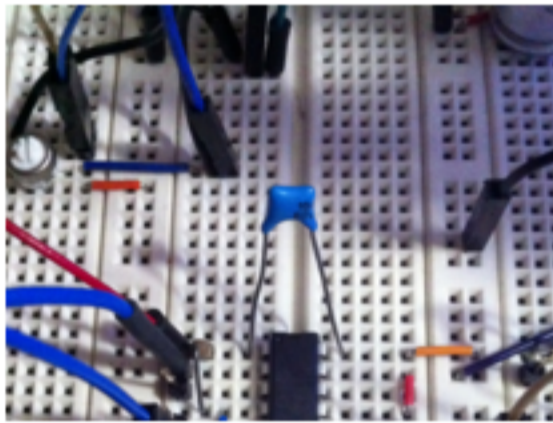
[The PICsellator](#)
Veni, vidi, blinki



[Adafruit IO Basics: NeoPixel Controller](#)
Control NeoPixels with Adafruit IO sliders



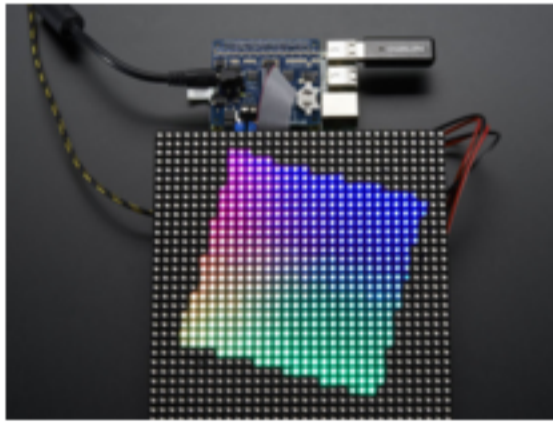
[Capacitive Touch Holiday Light Control](#)
Quick and easy touch control for your holiday lights.



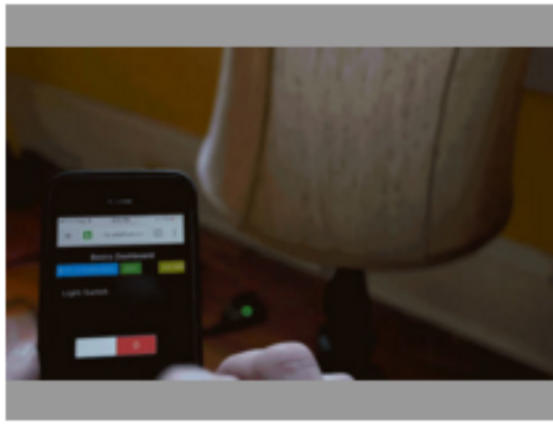
[The Pixif](#)
A simple, efficient SPI front-end for NeoPixels



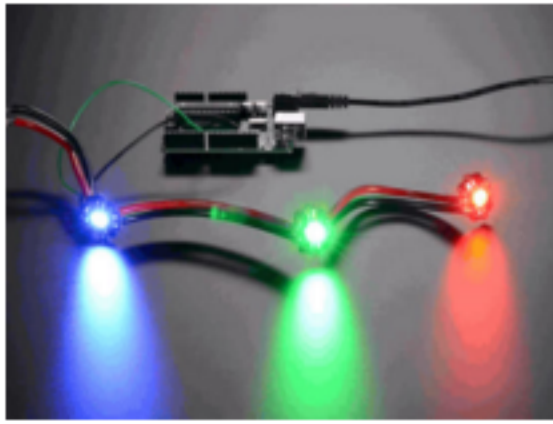
[Adafruit DotStar LEDs](#)
Imagine NeoPixels with a double shot of espresso...



[Adafruit RGB Matrix + Real Time Clock HAT for Raspberry Pi](#)
DIY your very own Times Square sign



[Adafruit IO Basics: Digital Output](#)
Turn on a lamp from anywhere!



[Pixie - the 3W Chainable LED Pixel](#)
3W of blindingly bright LEDs - controllable with a single pin

MAY WE ALSO SUGGEST...





Breadboard-friendly 2.1mm



2.1mm female/male barrel



Female DC Power adapter -



2.1mm to 1.7mm DC jack



12mm Diffused Flat Digital



DE0-Nano - Altera Cyclone



Mini Thermal Receipt Printer



Pocket Socket 2 - Hand-



CadSoft EAGLE Make



4-Way 2.1mm DC Barrel



BeagleBone Black Rev C -



Panel Mount 2.1mm DC

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"I never am really satisfied that I understand anything; because, understand it well as I may, my comprehension can only be an infinitesimal fraction of all I want to understand"

- Ada Lovelace

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