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

PRODUCT ID: 276

IN STOCK

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10-99
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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 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.

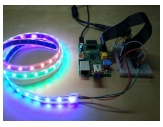
TECHNICAL DETAILS

- 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

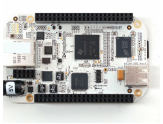
RoHS

LEARN

Adafruit NeoPixel Überguide
Everything you always wanted to know about Adafruit NeoPixels but were afraid to ask

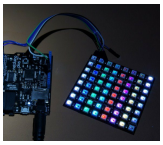


NeoPixels on Raspberry Pi
How to control NeoPixel LEDs with Python on a Raspberry Pi!



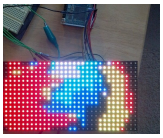
BeagleBone
Tutorials for the TI embedded Linux board

StarFlower Neopixel Strand with MakeCode
Clip 3d printed flowers onto an addressable Neopixel strand

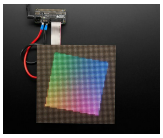


Using NeoPixels with Netduino Plus 2
It used to be impossible to use NeoPixels with Netduino, until now!

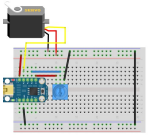
Fair Weather Friend: Internet-Connected Migraine or Allergies Detector
"Web scraping" provides an alternative to restrictive programming APIs



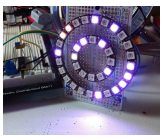
FPGA RGB Matrix
Control large RGB LED matrices using an FPGA



Adafruit RGB Matrix Bonnet for Raspberry Pi
Pi powered colorful lights



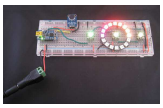
Trinket (& Gemma) Servo Control
Get your Trinket or Gemma moving



The PICsellator
Veni, vidi, blinki

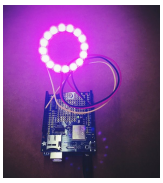
[12mm LED Pixels]
12mm silicone-encased glowy dots!

[Ever-Burning Flame Painting]
Illuminate your artwork from the inside



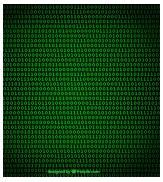
[Trinket Sound-Reactive LED Color Organ]
Add sound reactive color to your tunes.

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

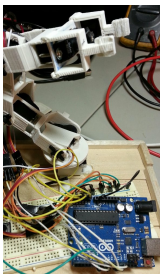


[Adafruit IO Basics: NeoPixel Controller]
Control NeoPixels with Adafruit IO sliders

[Power Supplies]
Power in, power out!



[Digital Circuits 1: Binary, Boolean, and Logic]
Binary numbers, Boolean logic, and logic gates.

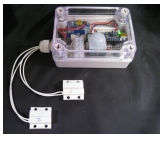


[Trainable Robotic Arm]
Teach this arm to move with your own hands

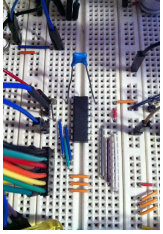
[Capacitive Touch Holiday Light Control]
Quick and easy touch control for your holiday lights.

[20mm LED Pixels]
20mm Diameter Glowy Dots!

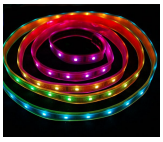
[Living Starry Night Painting]
Build your own animated version of Starry Night



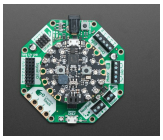
[Trinket Bluetooth Alarm System]
Use the Trinket to build a custom wireless alarm system



The Pixif
A simple, efficient SPI front-end for NeoPixels



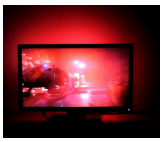
LPD8806 Digital RGB LED Strip
Glowy, flexy and addressable!



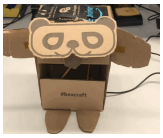
Introducing Adafruit Crickit #MakeRobotFriend
Make your robot pal who's fun to be with using Crickit!

LED Trinket Tree Topper
3D Printed Moravian Star + NeoPixel + Trinket Topper

Adafruit DotStar LEDs
Imagine NeoPixels with a double shot of espresso...

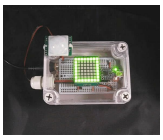


Adalight Project Pack
Mood lighting for your media PC

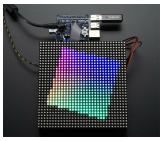


Trash Panda
Adorable Hugging Panda Friend

Crickit Collapsible House with MakeCode
Huff and Puff and Blow this House Down!

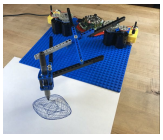


Trinket-Powered Conference Room Occupancy Display
A LED matrix project that displays when a room is occupied



Adafruit RGB Matrix + Real Time Clock HAT for Raspberry Pi
DIY your very own Times Square sign

Light Painting with Raspberry Pi
Awesome photographic effects!

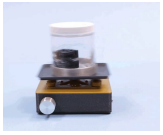


Crickit Harmonic Drawing Machine
Create beautiful complex harmonic curves with this drawing robot!

Trinket RGB Shield Clock
Yes, Trinket can interface with several larger parts

Pixie - the 3W Chainable LED Pixel
3W of blindingly bright LEDs - controllable with a single pin

Adafruit 16 Channel Servo Driver with Raspberry Pi

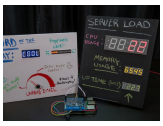


Crickit Lab Shaker

Build a lab shaker to agitate parts with PVA supports!

Connecting a 16x32 RGB LED Matrix Panel to a Raspberry Pi

How to connect a 16x32 RGB LED display to your Raspberry Pi



Raspberry Pi Physical Dashboard

Build a dashboard to visualize data on LED displays and automotive gauges!

Mini Thermal Receipt Printer

Print receipt paper from a little printer

MIDI Solenoid Drummer

Use Crickit to build an automated percussive instrument.

16x32 RGB Display with Raspberry Pi - part 2

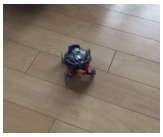
Daisy-chain three 16x32 LED Displays with a Raspberry Pi

Remote Controlled LED Tea Light Sconce

Dotstars and IR control bring your wall to life

Chumby Hacker Board

All the joy of Chumby, with extra chewy breakouts!

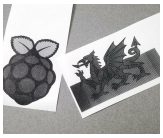


CRICKIT WobblyBot

A small CRICKIT based hopping robot you can build 3 ways

Embedded Linux Board Comparison

Raspberry Pi, Beaglebone Black, Arduino Yun, and Intel Galileo--which one is right for you?

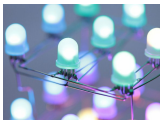


Networked Thermal Printer using Raspberry Pi and CUPS

Thermal printer results like you've never seen...

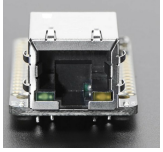
32x16 and 32x32 RGB LED Matrix

Hundreds of pixels of eye-blasting LED glory!



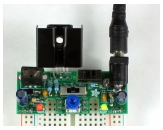
Free-Wired 3x3x3 NeoPixel Cube

Eye Candy in Three Dimensions



Adafruit Ethernet FeatherWing

Wired Wings Work Wonders

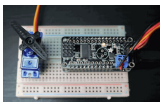


Adjustable Breadboard Power Supply Kit

A very low dropout adjustable power supply

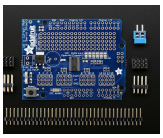
Madison's NeoClock - A PIC + KiCAD + NeoPixel adventure

A NeoPixel desk clock you may only have to set once.



CircuitPython Hardware: PCA9685 PWM & Servo Driver

How to use the PCA9685 PWM & servo driver with CircuitPython!

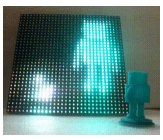


Adafruit 16-channel PWM/Servo Shield

16 channels of servo-bustin' power

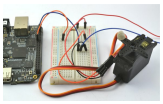
Setting up WiFi with BeagleBone Black

Use a USB WiFi adapter to get your BeagleBone Black on the Internet!



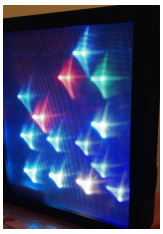
Raspberry Pi RGB LED Matrix Webapp

Control RGB LED panels from a Web application using Raspberry Pi.



Controlling a Servo with a BeagleBone Black

Use a BeagleBone Black and Python to set the position of a servo



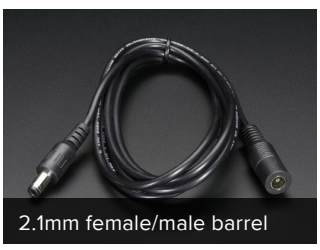
LED Lightbox

Build a decorative, programmable LED display pretty enough to hang on a wall!

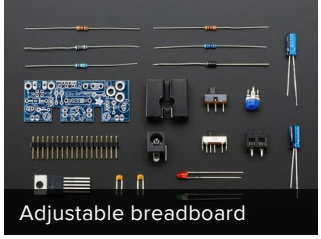
Simple and Beautiful NeoPixel Holiday Lights

Make a simple and stunning light strand to deck your halls

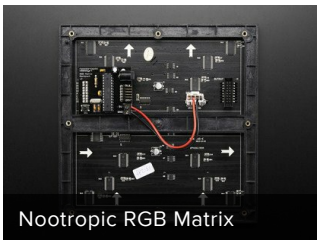
MAY WE ALSO SUGGEST...




Female DC Power adapter -


Adjustable breadboard


Adafruit NeoPixel Digital


Nootropic RGB Matrix


12mm Diffused Flat Digital


32x32 RGB LED Matrix


Thermal paper roll - 50'


Adafruit NeoPixel NeoMatrix


16x24 Red LED Matrix Panel

DISTRIBUTORS EXPAND TO SEE DISTRIBUTORS

"You're never too old, and if you want to, as my mother said, you can do anything you want to, but you have to work at it" - Annie Easley