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shortlink: `https://redd.it/41vn4o`

Can someone explain me how to use this attiny programmer? (self.arduino)

submitted 1 year ago * by lotsofguacamole

I bought this from ebay trying to program an
attiny85 with arduino but unfortunately I don't
understand how to use it. Any ideas? Thanks

http://www.ebay.com/itm/Development-
Programmer-Board-ATtiny13A-ATtiny25-ATtiny45-
ATtiny85-/121744326603?hash=item1c5886ffcb

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[–] **macegr** 3 points 1 year ago

It can't be used to program an ATtiny. Those chips
don't have built-in USB download capability and there
are no other parts on the board to handle it.

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[–] **lotsofguacamole** [S] 1 point 1 year ago

Thanks, this are just breakout boards?

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[–] **DanRoad** 3 points 1 year ago

Looks like it.

However, if you have another Arduino lying
around then you can use it to program a USB
bootloader onto the ATtiny. You could then use
this breakout board like any other Arduino,
uploading sketches over USB with the Arduino
IDE (although the ATtiny won't support all
features of larger Arduino boards).

It's hard to see what's going on from the pictures (do you have a schematic?), but I would imagine that they've copied the Digispark circuitry.

permalink embed parent

[–] **macegr** 2 points 1 year ago

Yeah. It may work with a chip already programmed with the micronucleus bootloader, but that's impossible to know without the board's schematic. And you'd have to get a real AVR ISP programmer in order to put the bootloader on the chips.

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[–] **BobVanCuren** 2 points 1 year ago*

I have a Sparkfun pocket AVR programmer and it works great https://www.sparkfun.com/products/9825

Or as I just learned (because my programmer is at my buddies house currently) you can use an Arduino Uno as a programmer

See these links for some information

Arduino as an ATtiny programmer

Programming an ATtiny with Arduino

Here is my what the pocket AVR programmer looks like in action http://i.imgur.com/T9RobYE.jpg

And here is what the Uno looks like:

https://twitter.com/Bob_V/status/68996501318920192 0

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[–] **skootles** TinyLoadr AVR Programmer [🍰] 1 point 1 year ago

As others have said it's basically just a glorified USB-powered breakout board. You'll still need an actual programmer in order to do anything. You can get cheap USBtinyISP or USBasp on eBay or use a spare Arduino and the ArduinoISP sketch to turn it into a programmer.

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Where to buy:

- Sparkfun
- Adafruit
- SeeedStudio

Tools / References:

- Online Circuit Simulator
- Component Search
- Eagle PCB Design

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