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AT90USBKEY2 on windows10

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Author	Message

benekex2

Level: New Member
Joined: Wed. Mar 8, 2017
Posts: 1 **View posts**

Posted by benekex2: Wed. Mar 8, 2017 - 11:11 PM

#1

Fivestar widget

Total votes: 0

Hi,

I bought AT90USBKEY2 and i try to connect it to my computer with USB and my windows 10 dont want to recognize device. I downloaded and installed Atmel Studio 7 with all drivers and didnt work.

After connect to usb on board only lights up green LED and thats all.

There is way run AT90USBKEY2 on Windows 10 ?

Thanks for help

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gchapman

Level: 10k+ Postman
Joined: Tue. Jan 9, 2007
Posts: 14902 **View posts**
Location: Clay County, Texas, u.S.A.

Posted by gchapman: Thu. Mar 9, 2017 - 03:19 AM

#2

Total votes: 0

> **benekex2** wrote:
>
> There is way run AT90USBKEY2 on Windows 10 ?

Maybe one simple fix otherwise ...

The Atmel Studio guide has one mention of FLIP but FLIP is not qualified for Windows 10 (FLIP is up to Windows 8.1)

FLIP may be dependent on WinUSB; an alternative to Microsoft WinUSB is the FOSS libusb.

Could install libusb onto Windows 10, reboot, and re-try Atmel Studio.

If that's no joy then AVRDUDE goes through libusb and AVRDUDE 6.3 added USB DFU.

AVRDUDE can be invoked as an external tool from Atmel Studio; there may be a post on AVR Freaks about how to invoke AVRDUDE from Atmel Studio.

An earlier alternative to AVRDUDE is dfu-programmer.

Last resort is to program via an Atmel-ICE; but, first save the DFU bootloader for AVR ISP or AVR JTAG almost always erases the bootloader.

IIRC, there's a recent thread on AVR Freaks from one who's trying to locate the Atmel USB megaAVR DFU bootloader; I don't know if that problem has a solution.

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https://microchip.secure.force.com/microchipknowledge/articles/en_US connection-to-AT90USBKEY-fails/

via

http://www.microchip.com/support/hottopics.aspx? q=FLIP(http://www.microchip.com/support/hottopics.aspx? q=FLIP)

*http://www.atmel.com/tools/atmelstudio.aspx?
tab=documents(http://www.atmel.com/tools/atmelstudio.asp
tab=documents)*

Atmel Studio - User Guide
*(file size: 8.5MB, 274 pages, revision B, updated:
09/2016)*

*Atmel Studio is an Integrated Development Environment
(IDE) for writing and debugging AVR/ARM applications in
Windows XP/Windows Vista/Windows 7/8 environments.
Atmel Studio provides a project management tool, source
file editor, simulator, assembler, and front-end for C/C++,
programming, and on-chip debugging.*
*http://www.atmel.com/Images/Atmel-42167-Atmel-
Studio_User%20Guide.pdf(http://www.atmel.com/Images/At
42167-Atmel-Studio_User%20Guide.pdf)*

(page 10)

*Support for Flip-compatible bootloaders in atprogram and
programming dialogue. The connected device appears as a
tool.*

**https://microchip.secure.force.com/microchipknowledge/articles/en_US
software-for-Windows-10-64-bit/**

http://www.atmel.com/tools/flip.aspx(http://www.atmel.com/tools/

**https://msdn.microsoft.com/en-
us/library/windows/hardware/ff540196(v=vs.85).aspx** (WinUSB)

http://libusb.info/(http://libusb.info/)

Zadig

USB driver installation made easy

http://zadig.akeo.ie/(http://zadig.akeo.ie/)

Zadig *is a Windows application that installs generic USB
drivers, such as
WinUSB(http://msdn.microsoft.com/en-
us/library/windows/hardware/ff540174.aspx),
libusb-
win32/libusb0.sys(http://sourceforge.net/apps/trac/libusb-
win32/wiki) or*

libusbK(http://code.google.com/p/usb-travis/), *to*
help you access USB devices

AVR Downloader/UploaDEr - News: AVRDUDE 6.3 released
[Savannah]

http://savannah.nongnu.org/forum/forum.php?
forum_id=8461(http://savannah.nongnu.org/forum/forum.ph
forum_id=8461)

...

* New programmers supported:

...

- Atmel DFU, using FLIP protocol version 1 (AT90USB and
*ATmega**U** devices),*
or version 2 (Xmega devices)

...

http://www.nongnu.org/avrdude/(http://www.nongnu.org/avrdude

http://dfu-programmer.github.io/(http://dfu-
programmer.github.io/)

"Dare to be naïve." - Buckminster Fuller

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