vBulletin®

User Name   Password | Log in | **Help**   **Register**

☐ Remember Me?

| What's New? | **Forum** |

New Posts   FAQ   Calendar   Community   Forum Actions   Quick Links   Advanced Search

🏠 Forum   Main Category   Technical Support & Questions
        Teensy 3.2 Showing up as Keyboard/Mouse/Joystick

Forum Rule: Always post complete source code & details to reproduce any issue!

> If this is your first visit, be sure to check out the **FAQ** by clicking the link above. You may have to **register** before you can post: click the register link above to proceed. To start viewing messages, select the forum that you want to visit from the selection below.

Results 1 to 6 of 6

Thread: Teensy 3.2 Showing up as Keyboard/Mouse/Joystick

Thread Tools   Search Thread   Display

11-29-2018, 10:18 PM   #1

tonberryhunter ○

Member

Join Date: Mar 2018
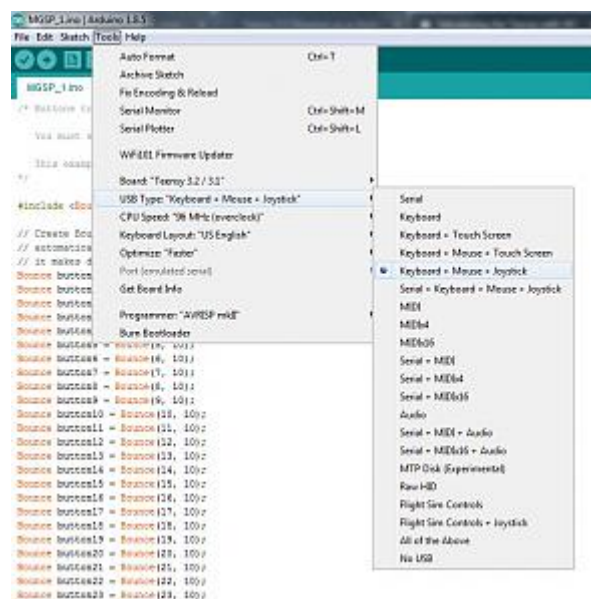Posts: 21

Teensy 3.2 Showing up as Keyboard/Mouse/Joystick

I use the Teensy 3.2 to handle control input on my Retropie projects but I cant figure out how to get it programmed to show up just as a Joystick.

Within Arduino I see no option to set it up as just a game controller.

Could someone please help me with this?

Thank you

- Rob

Reply With Quote

11-30-2018, 01:55 AM

gdsports ○
Member
Join Date: Jul 2018
Posts: 45

See if this helps.

https://forum.pjrc.com/threads/54227...implementation

Reply With Quote

11-30-2018, 09:58 AM

PaulStoffregen ○
Senior Member

Join Date: Nov 2012
Posts: 23,331

You'll probably need to edit usb_desc.h, if you want to make a USB config different than the ones in the menu. See the lengthy comments in that file for instructions.

On Windows, the default location to find that file is C:\Program Files (x86)\Arduino\hardware\teensy\avr\cores\teensy3. If you changed the location during install, or use the ZIP file, look in whatever location you chose to put Arduino on your PC.

Reply With Quote

12-01-2018, 07:06 AM

tonberryhunter ○
Member
Join Date: Mar 2018
Posts: 21

> 👀 Originally Posted by **PaulStoffregen** ▸
>
> You'll probably need to edit usb_desc.h, if you want to make a USB config different than the ones in the menu. See the lengthy comments in that file for instructions.
>
> On Windows, the default location to find that file is C:\Program Files (x86)\Arduino\hardware\teensy\avr\cores\teensy3. If you changed the location during install, or use the ZIP file, look in whatever location you chose to put Arduino on your PC.

Thanks I will check that out and see if I cant get it to show up as just a game controller.

Reply With Quote

12-01-2018, 07:38 AM

tonberryhunter ○
Member
Join Date: Mar 2018
Posts: 21

No dice that didnt seem to change anything. Its still showing up in the Arduino list as "Keyboard+Mouse+Joystkick" and when uploading the sketch to the Teensy still yields the same result.

Reply With Quote

12-01-2018, 07:45 AM

tonberryhunter ○
Member
Join Date: Mar 2018
Posts: 21

This is the section of the usb_desc.h file I believe I need to edit. I tried erasing the unneeded interfaces and changing the PRODUCT_NAME line and the changes dont seem to reflect in Arduino or when I upload my sketch.

Code:

```
#elif defined(USB_HID)
  #define VENDOR_ID              0x16C0
  #define PRODUCT_ID             0x0482
  #define MANUFACTURER_NAME      {'T','e','e','r
  #define MANUFACTURER_NAME_LEN 11
  #define PRODUCT_NAME           {'K','e','y','k
  #define PRODUCT_NAME_LEN       23
  #define EP0_SIZE               64
  #define NUM_ENDPOINTS          6
  #define NUM_USB_BUFFERS        24
  #define NUM_INTERFACE          5
  #define SEREMU_INTERFACE       2        // Ser:
  #define SEREMU_TX_ENDPOINT     1
  #define SEREMU_TX_SIZE         64
  #define SEREMU_TX_INTERVAL     1
  #define SEREMU_RX_ENDPOINT     2
  #define SEREMU_RX_SIZE         32
  #define SEREMU_RX_INTERVAL     2
  #define KEYBOARD_INTERFACE     0        // Keyk
  #define KEYBOARD_ENDPOINT      3
  #define KEYBOARD_SIZE          8
  #define KEYBOARD_INTERVAL      1
  #define KEYMEDIA_INTERFACE     4        // Keyk
  #define KEYMEDIA_ENDPOINT      6
  #define KEYMEDIA_SIZE          8
  #define KEYMEDIA_INTERVAL      4
  #define MOUSE_INTERFACE        1        // Mou:
  #define MOUSE_ENDPOINT         5
  #define MOUSE_SIZE             8
  #define MOUSE_INTERVAL         1
```

Reply With Quote

Quick Navigation | **Technical Support & Questions** | Top |

« Previous Thread | Next Thread »

Posting Permissions   ⬆

You may not post new   **BB code** is On
threads   **Smilies** are On
You may not post replies   **[IMG]** code is On
You may not post   **[VIDEO]** code is On
attachments   HTML code is Off
You may not edit your
posts   **Forum Rules**

-- Default Style   PJRC Electronic Projects Archive Top

All times are GMT. The time now is 07:35 PM.

Powered by vBulletin® Version 4.2.2
Copyright © 2021 vBulletin Solutions, Inc. All rights reserved.
Web Hosting