

Using CY7C64225 USB to UART Bridge Controller with Mac OS - KBA81837

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Version: **

Question: Can I use a USB to UART bridge controller with Mac OS?

Answer: Yes, the Apple USB driver stack has a built-in driver for CDC ACM class devices.

As CY7C64225 supports the CDC-ACM class, the Apple driver known as USBCDCACM is automatically bound to the device creates a node in `/dev/tty.usbmodem*`. The name of the device node varies based on the device instance number/name. An application communicating with the CY7C64225 must refer to this node for further communication.

For example, if the host is running zterm (terminal emulation program) on OS X 10.6.8, the device when attached to the host comes up as `tty.usbmodemfd131`. With OS X 10.8, the device comes up as `tty.usbmodem1421`. You can use the following procedure to communicate with the CY7C64225 and stream data:

- 1.Launch zterm. Select Settings > Connection.
- 2.Update all the connection settings, such as baudrate, data bits, parity and so on of the host application (zterm) to be consistent with the device configuration.
- 3.Select Settings > Modem Preferences, and then select `usbmodem*`

* is a wildcard to represent the device instance.

Related Categories: USB to UART Controller