

Re: STA013 problem

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-06/msg03586.html>

- *From:* "eeh" <eehobbyist@xxxxxxxxxxxxxx>
 - *Date:* 25 Jun 2005 18:26:02 -0700
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Pooh Bear wrote:

> eeh wrote:

>

>> Thanks for your reply.

>>

>> For the sta013, the I2C bus is used to configure the chip and the SPI
>> interface (Pins 5,6,7) is used to stream the mp3 data into it. I used
>> normal IO port to push data so that I need to swap bits before
>> serialize into the STA013.

>>

>> The I2C interface is indeed OK as it returns correct chip ID, and so I
>> think it is OK. I think I should say it more firmly.:)

>

> Yet a closer look suggests that the serial data in is indeed like SPI but
> uses some wacky pin names !

>

Acutally someone used this chip called the data source port SPI and so
I also mention it as a SPI.

> Also it has to handshake with data_req. Note that the active state of
> data_req is selectable in one of the configuration registers.

>

I have configured the polarity of the data_req to be active high.

> I still reckon an absence of serial data out to your DAC means that the
> sta013 input isn't seeing any data in.

I will follow this direction to debug. Thank for your help.

>

> Graham

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- **References:**

- ◆ **STA013 problem**
 - ◇ From: eeh
- ◆ **Re: STA013 problem**
 - ◇ From: Pooh Bear
- ◆ **Re: STA013 problem**
 - ◇ From: eeh
- ◆ **Re: STA013 problem**
 - ◇ From: Pooh Bear

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