

Zimbra

klimov@mbari.org

Re: IMU Daughter Card Design

From : Elecia White <elecia@logicalelegance.com>

Thu, Oct 10, 2019 04:03 PM

Subject : Re: IMU Daughter Card Design

1 attachment

To : Denis Klimov <klimov@mbari.org>

On Oct 10, 2019, at 3:23 PM, Denis Klimov <klimov@mbari.org> wrote:

Elecia,
several questions:
- are you using level shifters now?

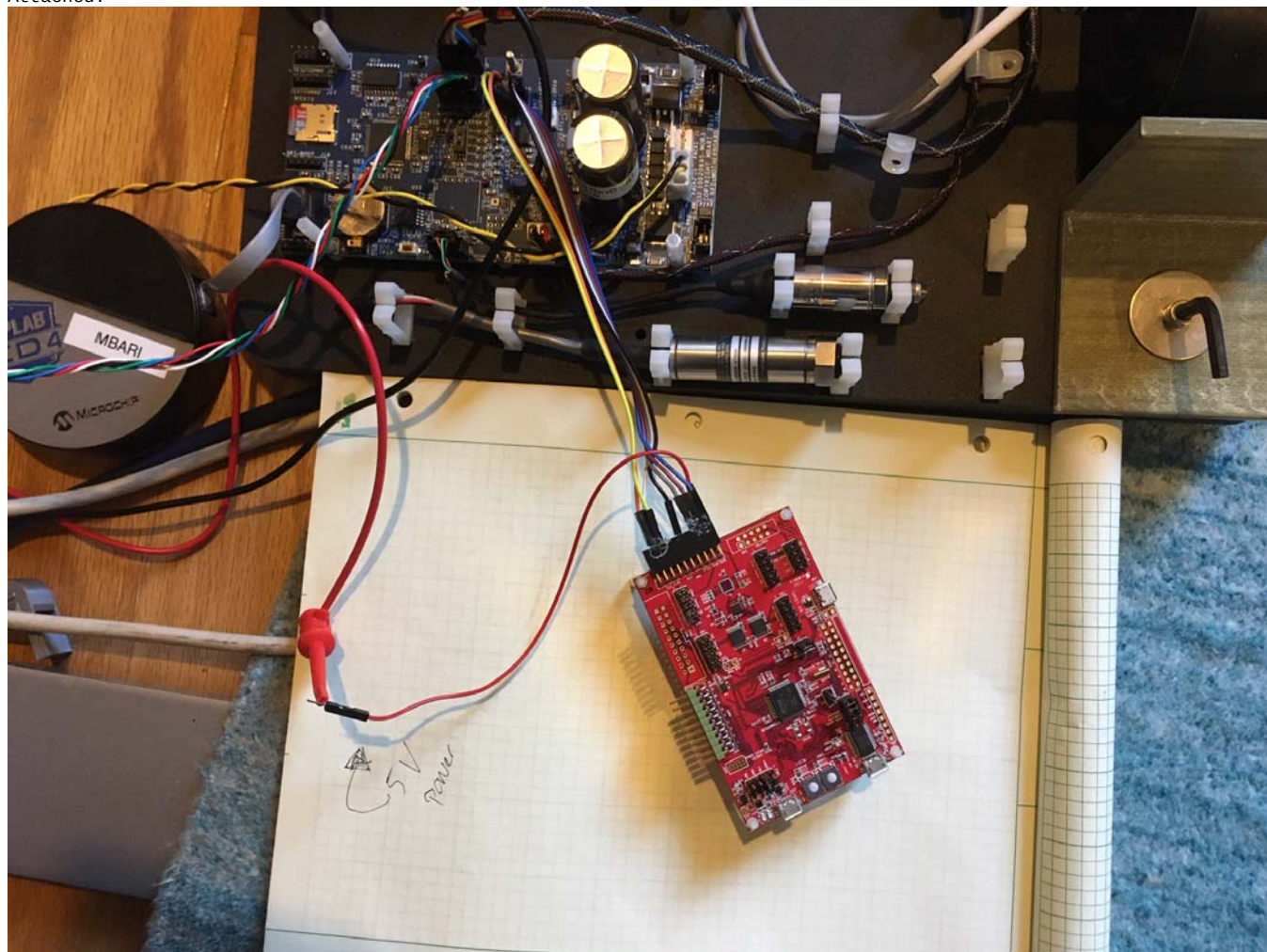
Yes. They are part of the demo board, see p14 of the hardware user guide attached to previous message.

- what is "current setup", pages 4-6 of Power Point? Is this your prototype?

Yes.

- could you send the photo of MB3 with your prototype connected to it?

Attached.



Thanks!

Denis Klimov

From: "Elecia White" <elecia@logicalelegance.com>
To: "Denis Klimov" <klimov@mbari.org>, "Brian Kieft" <bkieft@mbari.org>
Sent: Monday, October 7, 2019 8:23:11 AM
Subject: IMU Daughter Card Design

Here are some notes for how to design the daughter card.

Note that for the SmartMotion Hardware User Guide document, you need to look at Ver-C schematics. Those match my board and show the level shifters needed for the IMU to talk to the PIC.

If this is not sufficient, let me know.

-Elecia

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Elecia White

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