Gmail **Justin Reina <justinmreina@gmail.com>**

(misc) Getting up & running, having difficulties

Serah Peterson <speterson@phytec.com> Tue, Feb 16, 2021 at 12:04 PM
To: Justin Reina <justinmreina@gmail.com>

Hi Justin,

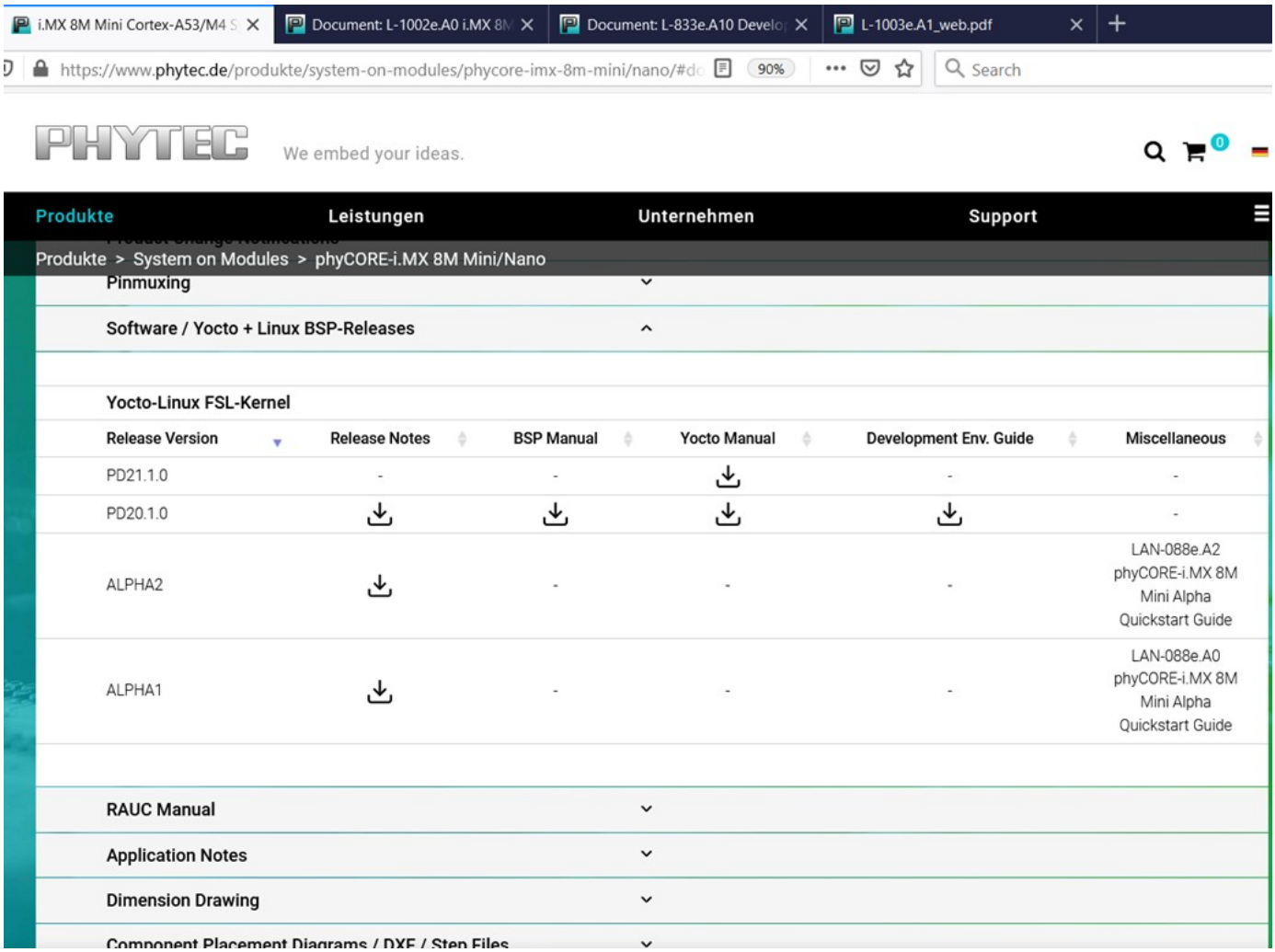
Thanks for reaching out. Hope you enjoyed the snow over the weekend! We had a decent amount here on the peninsula – was fun! Dang, this is pretty cool: https://github.com/justinmreina/agrPhy/wiki/Design

You are fast!

Alright. So I think you may have just run into a poor documentation organization problem. Something we are trying to fix at PHYTEC. So, let me see if I can help unwind the documentation. I actually put embedded Linux on that kit instead of embedded Android.

https://www.phytec.de/produkte/system-on-modules/phycore-imx-8m-mini/nano/#downloads/

If you go to the Downloads tab you should see more documentation:



Things to note here:

- **BSP Manual** – Tells you how to build the operating system image (building the BSP, making device tree changes, working with Yocto) but there are also some interface guides in Section 8 that are helpful. When the code block shows *$target* its what you can type on the command line. When there is a reference to device tree/pin muxing/or editing dtsi files that is in the BSP source. We show steps for how to integrate changes into the BSP (OS image) so its reproducible for production.
- **Development Env Guide** - Instructions to cross compile C/C++ applications. This shows how to setup eclipse on a Linux Host PC, source the development environment (Cross compiler), build and deploy applications. You can do some target application development though – so right from the command line write python code, you might be able to build a C application if gcc is available, or you can write bash scripts.

With the link to the Linux documentation I hope that helps a bit. Let me know though. I can expand or answer direct questions.

In addition, schematics are attached!

-Serah

From: Justin Reina <justinmreina@gmail.com>
Sent: Sunday, February 14, 2021 5:43 AM
To: Serah Peterson <speterson@phytec.com>
Subject: (misc) Getting up & running, having difficulties

Hi,

[Quoted text hidden]

2 attachments

PCL-069_1518.2_release.pdf
456K

PBA-CD-15_1532.1_release.pdf
496K