

Chat Record for RBNV - May 5, 2020

00:15:53.410,00:15:56.410

doug paradis: Rpi default speed is 400 kbit/s

01:09:44.890,01:09:47.890

Karim Virani: https://www.st.com/resource/en/application_note/dm00160482-virtually-increasing-the-number-of-serial-communication-peripherals-in-stm32-applications-stmicroelectronics.pdf

01:09:45.379,01:09:48.379

doug paradis: David, Look at this proto board. It my be useful.
https://github.com/AnttiNykanen/stm32_nucleo-144_proto_shield

01:10:06.080,01:10:09.080

doug paradis: *may

01:10:35.778,01:10:38.778

Murray Altheim: You guys are aware of the Arduino Portenta H7 ARM controller?

01:12:16.342,01:12:19.342

doug paradis: carl, can you put the github link for your protocol in chat.

01:12:41.410,01:12:44.410

Carl Ott: <https://github.com/cottjr/piMegaSPI>

01:19:31.619,01:19:34.619

Karim Virani: <https://github.com/wingspinner/SoftSerialIntAP>

01:19:40.532,01:19:43.532

Karim Virani: not sure if that would help

01:28:25.322,01:28:28.322

doug paradis: Carl, Please send me some text for the website post.

01:28:39.316,01:28:42.316

Carl Ott: will do - tomorrow ;0)

01:33:01.570,01:33:04.570

doug paradis: I plan to use our sponsor, Mouser for the real electronics parts. Amazon for screws, etc.

01:33:56.865,01:33:59.865

Clayton Timmons: eBay is great for hard to find stuff and buy from indivuals

01:34:38.114,01:34:41.114

Clayton Timmons: Ray - compile a list and send it out

01:34:52.231,01:34:55.231

doug paradis: No real source, cheap pitman motors.

01:35:48.046,01:35:51.046

Clayton Timmons: I miss Turner hardware also

01:37:09.024,01:37:12.024

doug paradis: Flywing (~1A at 5V)

01:38:18.663,01:38:21.663

doug paradis: * mistake - 2A

01:38:55.182,01:38:58.182

Karim Virani: <https://www.servocity.com/bec-5-25-battery-eliminator-circuit>

01:38:58.498,01:39:01.498

Karim Virani: 5.1

01:39:33.082,01:39:36.082

Steve Edwards: <https://www.mouser.com/ProductDetail/580-OKR-T-10-W12-C>

01:41:26.161,01:41:29.161

Carl Ott: These links are robust power supplies, to provide 5.1 volts, which seems to be the preferred supply voltage for Raspberry Pi 3 - versus many "DC-DC" converters for 5V which actually only output 4.75 volts

01:43:36.104,01:43:39.104

Carl Ott: DSN-MINI-360

01:46:55.311,01:46:58.311

Carl Ott: CC-BEC 10 AM

01:46:59.788,01:47:02.788

Carl Ott: CC-BEC 10 AMP

01:47:08.798,01:47:11.798

Steve Edwards: <http://www.castlecreations.com/en/cc-bec-010-0004-00>

01:47:26.263,01:47:29.263

David: castle creations 10amp bec

01:48:40.033,01:48:43.033

Steve Edwards: https://hobbyking.com/en_us/catalogsearch/result/?q=sbec

01:53:33.151,01:53:36.151

doug paradis: bye