Chat Record for RBNV — 6/30/2020

00:06:37.435,00:06:40.435
Ponder SomeMore: this is karim. have nothing to share specifically, just
listening

00:08:40.803,00:08:43.803
Carl Ott: Karim - nice avatar ;-)

00:08:59.708,00:09:02.708
Ponder SomeMore: reveals my age

00:12:35.695,00:12:38.695
Murray Altheim: https://robots.org.nz/2020/06/29/odometry-pmw3901/

00:14:27.064,00:14:30.064
Murray Altheim: https://www.pixart.com/products-detail/74/PAA5100JE-Q

00:15:30.698,00:15:33.698
Ponder SomeMore: that looks pretty promising

00:19:39.089,00:19:42.089
Ponder SomeMore: i think mice are intended to be insensitive to rotation
but with optical flow it is possible to detect rotation if the chip
supports it

00:21:20.520,00:21:23.520
Ponder SomeMore: still better to have two sensors widely separated on the
axis near the wheels

00:21:56.909,00:21:59.909
Murray Altheim: Unfortunately the Pimoroni Breakout doesn't have one of
those cutouts to alter the I2C address...

00:37:37.374,00:37:40.374
Ponder SomeMore: https://learn.adafruit.com/adafruit-tca9548a-1-to-8-i2c-
multiplexer-breakout

00:53:53.372,00:53:56.372
Ponder SomeMore: 8 trak

00:55:54.582,00:55:57.582
Murray Altheim: https://www.youtube.com/watch?v=-4aQiFaCod8

01:10:18.353,01:10:21.353
Murray Altheim: Thanks Karim, I'd seen a few of these kinds of things
around but (typically) I like the Adafruit one, looks good!

01:24:52.937,01:24:55.937
Ponder SomeMore: is it this one?

01:24:53.562,01:24:56.562
Ponder SomeMore: https://sigrok.org/wiki/Hantek_6022BL

01:25:12.496,01:25:15.496
Carl Ott: yes that's the device!

01:25:57.625,01:26:00.625
Ponder SomeMore: The device can either be used as oscilloscope or as
logic analyzer, but not both at the same time.

01:31:04.632,01:31:07.632
Carl Ott: at some point - it'd be cool to get a decent mixed signal
oscope/logic-analyzer. but it seems like the decent ones start at $1200

01:31:09.942,01:31:12.942
Carl Ott: much higher than $69