DPRG RBNV Chat Record – December 10, 2024

00:06:59.061,00:07:02.061

Pat Caron: Michael I. converted an old Christmas church display that ran on 12VAC and modified it run on 12VDC and be powered by LED's and using the original 12VAC color wheel.

00:13:49.513,00:13:52.513

Pat Caron: Doug P - Discussed rule changes for next year's RoboColumbus to allow using some data from a previous run. Watch for rules updates coming soon!

00:16:21.596,00:16:24.596

Pat Caron: Doug also showed some work on his capacitive touch display. He showed a display of the earth spinning. He will use this as a new Chick Magnet.

00:20:58.023,00:21:01.023

Pat Caron: Doug showed a few HDMI displays he bought online as well as a R/C controlled brushed motor controller.

00:28:16.760,00:28:19.760

ed mart: Pat C.

00:28:25.603,00:28:28.603

ed mart: Great shirt

00:43:55.111,00:43:58.111

Mickey Dean: doug, do you have a link to the motors?

00:44:00.654,00:44:03.654

Mickey Dean: link

00:45:07.005,00:45:10.005

Mickey Dean: ty pat

00:49:17.849,00:49:20.849

doug paradis: Motor with encoder used with Power Wheels
gearhead: https://www.aliexpress.us/item/3256806988660554.html

00:49:41.491,00:49:44.491

Mickey Dean: thanks doug

00:50:14.475,00:50:17.475

Mickey Dean: I really hate the idea of trying to modify the gearbox myself except as last resort

00:51:36.183,00:51:39.183

Mickey Dean: Tom, that was excellent info on counterfeit GPS chips, truly useful info!

00:53:05.727,00:53:08.727

Pat Caron: Tom C - Working on his U-Blox GPS sensors. He described how to see if you have a fake U-Blox sensor. He reviewed the messages sent out from each unit after querying it for data.

01:06:12.006,01:06:15.006

Mickey Dean: finding documentation for the Chinese chips is not worth it to me

01:09:59.158,01:10:02.158

Mickey Dean: Has anyone heard from jon lately? i miss him

01:10:39.461,01:10:42.461

Mickey Dean: I miss Mr. Anderson too

01:12:38.110,01:12:41.110

doug paradis: HGLRC M100-5883 GPS Compass
Module: https://www.amazon.com/gp/product/B0CB5N8RQ8/

01:16:46.401,01:16:49.401

doug paradis: link to Paul Bouchier's GitHub: https://github.com/paulbouchier

01:17:21.286,01:17:24.286

Pat Caron: Bruce W had a question about running ROS2 in a Docker container. Doug P
posted a link to Paul B's GitHub repositories.

01:18:43.059,01:18:46.059

doug paradis: dprg.org ROS presentation: https://www.dprg.org/dprg-monthly-meeting-
how-to-debug-with-jtag-and-ros2-on-a-rpi-zero-2w-september-28-2024/

01:25:19.115,01:25:22.115

Pat Caron: Carl showed an old stereo speaker system he's been working on. He's having
problems with a "scratchy" volume control. He showed a chemical that is used to clean
the potentiometer. He showed another one to clean contacts.

01:26:46.975,01:26:49.975

Carl Ott: Awesome chemical for electronics

DeoxIT series from Craig Laboratories

For faders & conductive membranes & plastics

 https://www.amazon.com/gp/product/B0032URYJ0

for generic metals

https://www.amazon.com/DeoxIT-DN5-Spray-NSN-6850-01-519-5548-solution/dp/B00529GE0O

100% solution for improves Conductivity without Shorting, Cleans, Deoxidizes, Lubricates and Protects, Reduces Intermittent Connections

https://www.amazon.com/gp/product/B0000YH6F8

About Craig Laboratories & wide range of product

01:27:01.762,01:27:04.762

Carl Ott: About Craig Laboratories & wide range of products

caig.com/about-us/

01:28:17.631,01:28:20.631

Pat Caron: https://www.amazon.ca/gp/product/B07XHCCQN4/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

01:30:07.584,01:30:10.584

Carl Ott: alternative https://www.amazon.ca/MG-Chemicals-Remover-Boards-Aerosol/dp/B005T8L4V2/ref=dp_prsubs_d_sccl_1/147-4445300-2067505?pd_rd_w=6mOJj&content-id=amzn1.sym.e9b7aceb-341e-429f-941d-aeb03243ac75&pf_rd_p=e9b7aceb-341e-429f-941d-

aeb03243ac75&pf_rd_r=PMTRJM5RRVEPDRVVB2MQ&pd_rd_wg=2UjBl&pd_rd_r=f9b4e2bc-3996-46d1-a9ec-3dc0efed634b&pd_rd_i=B005T8L4V2&th=1

01:30:27.943,01:30:30.943

Carl Ott: https://www.amazon.ca/MG-Chemicals-Remover-Boards-Aerosol/dp/B005T8L4V2

01:38:42.398,01:38:45.398

Carl Ott: FWIW - Caig Laboratories Amazon store front https://www.amazon.com/stores/CAIGLABORATORIES/page/A4D0C09F-7D4B-443E-9FF9-F1C1FC19CD82?ref_=ast_bln

02:14:42.347,02:14:45.347

ed mart: Trinity university has a fire fighter contest

02:15:22.068,02:15:25.068

ed mart: Chris Netter