The system was plugged into the wall and a computer and left alone for 12 hours. Using the computer as a serial receiver, we collected 12 hours of data from the system as it ran. Below is the transcript showing successful operation.

By testing 12 hours, and seeing no issues, we can easily assume that the system will also operate for 24 hours with no issue.

At the end of the run, the time was evaluated to be 2 seconds off, or an error of 0.0009%, which is well within our 2% limit.

Transcript:

Connection successful

mDot programming complete

Time set: 1/19/2019 22:33:58

SD initialized

---------------------beginning main loop--------------------

Writing data to LoRa...Writing data to SD...done.

22:35:48.002 -> Writing data to LoRa...Writing data to SD...done.

22:36:47.972 -> Writing data to LoRa...Writing data to SD...done.

22:37:47.976 -> Writing data to LoRa...Writing data to SD...done.

22:38:47.978 -> Writing data to LoRa...Writing data to SD...done.

22:39:47.978 -> Writing data to LoRa...Writing data to SD...done.

22:40:47.982 -> Writing data to LoRa...Writing data to SD...done.

22:41:47.988 -> Writing data to LoRa...Writing data to SD...done.

22:42:47.990 -> Writing data to LoRa...Writing data to SD...done.

22:43:47.994 -> Writing data to LoRa...Writing data to SD...done.

22:44:47.998 -> Writing data to LoRa...Writing data to SD...done.

22:45:47.993 -> Writing data to LoRa...Writing data to SD...done.

22:46:47.997 -> Writing data to LoRa...Writing data to SD...done.

22:47:47.997 -> Writing data to LoRa...Writing data to SD...done.

22:48:47.997 -> Writing data to LoRa...Writing data to SD...done.

22:49:47.989 -> Writing data to LoRa...Writing data to SD...done.

22:50:47.993 -> Writing data to LoRa...Writing data to SD...done.

22:51:47.994 -> Writing data to LoRa...Writing data to SD...done.

22:52:47.996 -> Writing data to LoRa...Writing data to SD...done.

22:53:47.995 -> Writing data to LoRa...Writing data to SD...done.

22:54:48.016 -> Writing data to LoRa...Writing data to SD...done.

22:55:48.016 -> Writing data to LoRa...Writing data to SD...done.

22:56:48.017 -> Writing data to LoRa...Writing data to SD...done.

22:57:48.016 -> Writing data to LoRa...Writing data to SD...done.

22:58:48.020 -> Writing data to LoRa...Writing data to SD...done.

22:59:48.021 -> Writing data to LoRa...Writing data to SD...done.

23:00:48.021 -> Writing data to LoRa...Writing data to SD...done.

23:01:48.018 -> Writing data to LoRa...Writing data to SD...done.

23:02:48.012 -> Writing data to LoRa...Writing data to SD...done.

23:03:48.020 -> Writing data to LoRa...Writing data to SD...done.

23:04:48.016 -> Writing data to LoRa...Writing data to SD...done.

23:05:48.006 -> Writing data to LoRa...Writing data to SD...done.

23:06:48.008 -> Writing data to LoRa...Writing data to SD...done.

23:07:48.009 -> Writing data to LoRa...Writing data to SD...done.

23:08:48.014 -> Writing data to LoRa...Writing data to SD...done.

23:09:48.022 -> Writing data to LoRa...Writing data to SD...done.

23:10:48.024 -> Writing data to LoRa...Writing data to SD...done.

23:11:48.019 -> Writing data to LoRa...Writing data to SD...done.

23:12:48.019 -> Writing data to LoRa...Writing data to SD...done.

23:13:48.017 -> Writing data to LoRa...Writing data to SD...done.

23:14:48.018 -> Writing data to LoRa...Writing data to SD...done.

23:15:48.020 -> Writing data to LoRa...Writing data to SD...done.

23:16:48.019 -> Writing data to LoRa...Writing data to SD...done.

23:17:48.021 -> Writing data to LoRa...Writing data to SD...done.

23:18:48.025 -> Writing data to LoRa...Writing data to SD...done.

23:19:48.024 -> Writing data to LoRa...Writing data to SD...done.

23:20:48.017 -> Writing data to LoRa...Writing data to SD...done.

23:21:48.021 -> Writing data to LoRa...Writing data to SD...done.

23:22:48.018 -> Writing data to LoRa...Writing data to SD...done.

23:23:48.045 -> Writing data to LoRa...Writing data to SD...done.

23:24:48.049 -> Writing data to LoRa...Writing data to SD...done.

23:25:48.040 -> Writing data to LoRa...Writing data to SD...done.

23:26:48.022 -> Writing data to LoRa...Writing data to SD...done.

23:27:48.041 -> Writing data to LoRa...Writing data to SD...done.

23:28:48.016 -> Writing data to LoRa...Writing data to SD...done.

23:29:48.020 -> Writing data to LoRa...Writing data to SD...done.

23:30:48.047 -> Writing data to LoRa...Writing data to SD...done.

23:31:48.048 -> Writing data to LoRa...Writing data to SD...done.

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23:39:48.031 -> Writing data to LoRa...Writing data to SD...done.

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23:41:48.034 -> Writing data to LoRa...Writing data to SD...done.

23:42:48.031 -> Writing data to LoRa...Writing data to SD...done.

23:43:48.032 -> Writing data to LoRa...Writing data to SD...done.

23:44:48.065 -> Writing data to LoRa...Writing data to SD...done.

23:45:48.066 -> Writing data to LoRa...Writing data to SD...done.

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23:47:48.046 -> Writing data to LoRa...Writing data to SD...done.

23:48:48.070 -> Writing data to LoRa...Writing data to SD...done.

23:49:48.062 -> Writing data to LoRa...Writing data to SD...done.

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04:21:48.295 -> Writing data to LoRa...Writing data to SD...done.

04:22:48.286 -> Writing data to LoRa...Writing data to SD...done.

04:23:48.312 -> Writing data to LoRa...Writing data to SD...done.

04:24:48.303 -> Writing data to LoRa...Writing data to SD...done.

04:25:48.293 -> Writing data to LoRa...Writing data to SD...done.

04:26:48.317 -> Writing data to LoRa...Writing data to SD...done.

04:27:48.309 -> Writing data to LoRa...Writing data to SD...done.

04:28:48.302 -> Writing data to LoRa...Writing data to SD...done.

04:29:48.325 -> Writing data to LoRa...Writing data to SD...done.

04:30:48.312 -> Writing data to LoRa...Writing data to SD...done.

04:31:48.302 -> Writing data to LoRa...Writing data to SD...done.

04:32:48.300 -> Writing data to LoRa...Writing data to SD...done.

04:33:48.324 -> Writing data to LoRa...Writing data to SD...done.

04:34:48.317 -> Writing data to LoRa...Writing data to SD...done.

04:35:48.306 -> Writing data to LoRa...Writing data to SD...done.

04:36:48.301 -> Writing data to LoRa...Writing data to SD...done.

04:37:48.330 -> Writing data to LoRa...Writing data to SD...done.

04:38:48.323 -> Writing data to LoRa...Writing data to SD...done.

04:39:48.316 -> Writing data to LoRa...Writing data to SD...done.

04:40:48.305 -> Writing data to LoRa...Writing data to SD...done.

04:41:48.333 -> Writing data to LoRa...Writing data to SD...done.

04:42:48.326 -> Writing data to LoRa...Writing data to SD...done.

04:43:48.320 -> Writing data to LoRa...Writing data to SD...done.

04:44:48.309 -> Writing data to LoRa...Writing data to SD...done.

04:45:48.333 -> Writing data to LoRa...Writing data to SD...done.

04:46:48.329 -> Writing data to LoRa...Writing data to SD...done.

04:47:48.319 -> Writing data to LoRa...Writing data to SD...done.

04:48:48.313 -> Writing data to LoRa...Writing data to SD...done.

04:49:48.339 -> Writing data to LoRa...Writing data to SD...done.

04:50:48.332 -> Writing data to LoRa...Writing data to SD...done.

04:51:48.323 -> Writing data to LoRa...Writing data to SD...done.

04:52:48.318 -> Writing data to LoRa...Writing data to SD...done.

04:53:48.315 -> Writing data to LoRa...Writing data to SD...done.

04:54:48.343 -> Writing data to LoRa...Writing data to SD...done.

04:55:48.332 -> Writing data to LoRa...Writing data to SD...done.

04:56:48.327 -> Writing data to LoRa...Writing data to SD...done.

04:57:48.351 -> Writing data to LoRa...Writing data to SD...done.

04:58:48.340 -> Writing data to LoRa...Writing data to SD...done.

04:59:48.338 -> Writing data to LoRa...Writing data to SD...done.

05:00:48.327 -> Writing data to LoRa...Writing data to SD...done.

05:01:48.323 -> Writing data to LoRa...Writing data to SD...done.

05:02:48.350 -> Writing data to LoRa...Writing data to SD...done.

05:03:48.341 -> Writing data to LoRa...Writing data to SD...done.

05:04:48.333 -> Writing data to LoRa...Writing data to SD...done.

05:05:48.326 -> Writing data to LoRa...Writing data to SD...done.

05:06:48.349 -> Writing data to LoRa...Writing data to SD...done.

05:07:48.346 -> Writing data to LoRa...Writing data to SD...done.

05:08:48.335 -> Writing data to LoRa...Writing data to SD...done.

05:09:48.362 -> Writing data to LoRa...Writing data to SD...done.

05:10:48.359 -> Writing data to LoRa...Writing data to SD...done.

05:11:48.352 -> Writing data to LoRa...Writing data to SD...done.

05:12:48.341 -> Writing data to LoRa...Writing data to SD...done.

05:13:48.364 -> Writing data to LoRa...Writing data to SD...done.

05:14:48.355 -> Writing data to LoRa...Writing data to SD...done.

05:15:48.348 -> Writing data to LoRa...Writing data to SD...done.

05:16:48.346 -> Writing data to LoRa...Writing data to SD...done.

05:17:48.336 -> Writing data to LoRa...Writing data to SD...done.

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05:22:48.366 -> Writing data to LoRa...Writing data to SD...done.

05:23:48.342 -> Writing data to LoRa...Writing data to SD...done.

05:24:48.340 -> Writing data to LoRa...Writing data to SD...done.

05:25:48.359 -> Writing data to LoRa...Writing data to SD...done.

05:26:48.358 -> Writing data to LoRa...Writing data to SD...done.

05:27:48.353 -> Writing data to LoRa...Writing data to SD...done.

05:28:48.346 -> Writing data to LoRa...Writing data to SD...done.

05:29:48.372 -> Writing data to LoRa...Writing data to SD...done.

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05:32:48.381 -> Writing data to LoRa...Writing data to SD...done.

05:33:48.373 -> Writing data to LoRa...Writing data to SD...done.

05:34:48.364 -> Writing data to LoRa...Writing data to SD...done.

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05:36:48.381 -> Writing data to LoRa...Writing data to SD...done.

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05:39:48.361 -> Writing data to LoRa...Writing data to SD...done.

05:40:48.385 -> Writing data to LoRa...Writing data to SD...done.

05:41:48.377 -> Writing data to LoRa...Writing data to SD...done.

05:42:48.365 -> Writing data to LoRa...Writing data to SD...done.

05:43:48.357 -> Writing data to LoRa...Writing data to SD...done.

05:44:48.388 -> Writing data to LoRa...Writing data to SD...done.

05:45:48.378 -> Writing data to LoRa...Writing data to SD...done.

05:46:48.369 -> Writing data to LoRa...Writing data to SD...done.

05:47:48.361 -> Writing data to LoRa...Writing data to SD...done.

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05:57:48.384 -> Writing data to LoRa...Writing data to SD...done.

05:58:48.374 -> Writing data to LoRa...Writing data to SD...done.

05:59:48.398 -> Writing data to LoRa...Writing data to SD...done.

06:00:48.387 -> Writing data to LoRa...Writing data to SD...done.

06:01:48.380 -> Writing data to LoRa...Writing data to SD...done.

06:02:48.405 -> Writing data to LoRa...Writing data to SD...done.

06:03:48.395 -> Writing data to LoRa...Writing data to SD...done.

06:04:48.384 -> Writing data to LoRa...Writing data to SD...done.

06:05:48.410 -> Writing data to LoRa...Writing data to SD...done.

06:06:48.403 -> Writing data to LoRa...Writing data to SD...done.

06:07:48.393 -> Writing data to LoRa...Writing data to SD...done.

06:08:48.385 -> Writing data to LoRa...Writing data to SD...done.

06:09:48.408 -> Writing data to LoRa...Writing data to SD...done.

06:10:48.398 -> Writing data to LoRa...Writing data to SD...done.

06:11:48.388 -> Writing data to LoRa...Writing data to SD...done.

06:12:48.413 -> Writing data to LoRa...Writing data to SD...done.

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06:15:48.393 -> Writing data to LoRa...Writing data to SD...done.

06:16:48.387 -> Writing data to LoRa...Writing data to SD...done.

06:17:48.411 -> Writing data to LoRa...Writing data to SD...done.

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06:19:48.393 -> Writing data to LoRa...Writing data to SD...done.

06:20:48.418 -> Writing data to LoRa...Writing data to SD...done.

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06:23:48.400 -> Writing data to LoRa...Writing data to SD...done.

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06:36:48.398 -> Writing data to LoRa...Writing data to SD...done.

06:37:48.425 -> Writing data to LoRa...Writing data to SD...done.

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06:44:48.405 -> Writing data to LoRa...Writing data to SD...done.

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06:48:48.436 -> Writing data to LoRa...Writing data to SD...done.

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06:51:48.440 -> Writing data to LoRa...Writing data to SD...done.

06:52:48.436 -> Writing data to LoRa...Writing data to SD...done.

06:53:48.425 -> Writing data to LoRa...Writing data to SD...done.

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06:55:48.440 -> Writing data to LoRa...Writing data to SD...done.

06:56:48.429 -> Writing data to LoRa...Writing data to SD...done.

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06:59:48.438 -> Writing data to LoRa...Writing data to SD...done.

07:00:48.428 -> Writing data to LoRa...Writing data to SD...done.

07:01:48.456 -> Writing data to LoRa...Writing data to SD...done.

07:02:48.446 -> Writing data to LoRa...Writing data to SD...done.

07:03:48.437 -> Writing data to LoRa...Writing data to SD...done.

07:04:48.439 -> Writing data to LoRa...Writing data to SD...done.

07:05:48.432 -> Writing data to LoRa...Writing data to SD...done.

07:06:48.459 -> Writing data to LoRa...Writing data to SD...done.

07:07:48.450 -> Writing data to LoRa...Writing data to SD...done.

07:08:48.442 -> Writing data to LoRa...Writing data to SD...done.

07:09:48.437 -> Writing data to LoRa...Writing data to SD...done.

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07:22:48.461 -> Writing data to LoRa...Writing data to SD...done.

07:23:48.453 -> Writing data to LoRa...Writing data to SD...done.

07:24:48.451 -> Writing data to LoRa...Writing data to SD...done.

07:25:48.475 -> Writing data to LoRa...Writing data to SD...done.

07:26:48.468 -> Writing data to LoRa...Writing data to SD...done.

07:27:48.461 -> Writing data to LoRa...Writing data to SD...done.

07:28:48.451 -> Writing data to LoRa...Writing data to SD...done.

07:29:48.446 -> Writing data to LoRa...Writing data to SD...done.

07:30:48.469 -> Writing data to LoRa...Writing data to SD...done.

07:31:48.466 -> Writing data to LoRa...Writing data to SD...done.

07:32:48.458 -> Writing data to LoRa...Writing data to SD...done.

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07:34:48.476 -> Writing data to LoRa...Writing data to SD...done.

07:35:48.471 -> Writing data to LoRa...Writing data to SD...done.

07:36:48.466 -> Writing data to LoRa...Writing data to SD...done.

07:37:48.457 -> Writing data to LoRa...Writing data to SD...done.

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07:39:48.473 -> Writing data to LoRa...Writing data to SD...done.

07:40:48.465 -> Writing data to LoRa...Writing data to SD...done.

07:41:48.489 -> Writing data to LoRa...Writing data to SD...done.

07:42:48.484 -> Writing data to LoRa...Writing data to SD...done.

07:43:48.481 -> Writing data to LoRa...Writing data to SD...done.

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07:45:48.468 -> Writing data to LoRa...Writing data to SD...done.

07:46:48.496 -> Writing data to LoRa...Writing data to SD...done.

07:47:48.488 -> Writing data to LoRa...Writing data to SD...done.

07:48:48.484 -> Writing data to LoRa...Writing data to SD...done.

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07:52:48.495 -> Writing data to LoRa...Writing data to SD...done.

07:53:48.485 -> Writing data to LoRa...Writing data to SD...done.

07:54:48.476 -> Writing data to LoRa...Writing data to SD...done.

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07:57:48.489 -> Writing data to LoRa...Writing data to SD...done.

07:58:48.478 -> Writing data to LoRa...Writing data to SD...done.

07:59:48.503 -> Writing data to LoRa...Writing data to SD...done.

08:00:48.493 -> Writing data to LoRa...Writing data to SD...done.

08:01:48.481 -> Writing data to LoRa...Writing data to SD...done.

08:02:48.512 -> Writing data to LoRa...Writing data to SD...done.

08:03:48.505 -> Writing data to LoRa...Writing data to SD...done.

08:04:48.498 -> Writing data to LoRa...Writing data to SD...done.

08:05:48.488 -> Writing data to LoRa...Writing data to SD...done.

08:06:48.512 -> Writing data to LoRa...Writing data to SD...done.

08:07:48.503 -> Writing data to LoRa...Writing data to SD...done.

08:08:48.492 -> Writing data to LoRa...Writing data to SD...done.

08:09:48.516 -> Writing data to LoRa...Writing data to SD...done.

08:10:48.508 -> Writing data to LoRa...Writing data to SD...done.

08:11:48.499 -> Writing data to LoRa...Writing data to SD...done.

08:12:48.492 -> Writing data to LoRa...Writing data to SD...done.

08:13:48.518 -> Writing data to LoRa...Writing data to SD...done.

08:14:48.508 -> Writing data to LoRa...Writing data to SD...done.

08:15:48.501 -> Writing data to LoRa...Writing data to SD...done.

08:16:48.526 -> Writing data to LoRa...Writing data to SD...done.

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08:19:48.506 -> Writing data to LoRa...Writing data to SD...done.

08:20:48.530 -> Writing data to LoRa...Writing data to SD...done.

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08:22:48.509 -> Writing data to LoRa...Writing data to SD...done.

08:23:48.505 -> Writing data to LoRa...Writing data to SD...done.

08:24:48.529 -> Writing data to LoRa...Writing data to SD...done.

08:25:48.519 -> Writing data to LoRa...Writing data to SD...done.

08:26:48.511 -> Writing data to LoRa...Writing data to SD...done.

08:27:48.504 -> Writing data to LoRa...Writing data to SD...done.

08:28:48.531 -> Writing data to LoRa...Writing data to SD...done.

08:29:48.521 -> Writing data to LoRa...Writing data to SD...done.

08:30:48.511 -> Writing data to LoRa...Writing data to SD...done.

08:31:48.537 -> Writing data to LoRa...Writing data to SD...done.

08:32:48.527 -> Writing data to LoRa...Writing data to SD...done.

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08:34:48.511 -> Writing data to LoRa...Writing data to SD...done.

08:35:48.539 -> Writing data to LoRa...Writing data to SD...done.

08:36:48.529 -> Writing data to LoRa...Writing data to SD...done.

08:37:48.523 -> Writing data to LoRa...Writing data to SD...done.

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08:39:48.542 -> Writing data to LoRa...Writing data to SD...done.

08:40:48.534 -> Writing data to LoRa...Writing data to SD...done.

08:41:48.527 -> Writing data to LoRa...Writing data to SD...done.

08:42:48.519 -> Writing data to LoRa...Writing data to SD...done.

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08:46:48.528 -> Writing data to LoRa...Writing data to SD...done.

08:47:48.520 -> Writing data to LoRa...Writing data to SD...done.

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08:54:48.540 -> Writing data to LoRa...Writing data to SD...done.

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09:00:48.554 -> Writing data to LoRa...Writing data to SD...done.

09:01:48.548 -> Writing data to LoRa...Writing data to SD...done.

09:02:48.538 -> Writing data to LoRa...Writing data to SD...done.

09:03:48.566 -> Writing data to LoRa...Writing data to SD...done.

09:04:48.556 -> Writing data to LoRa...Writing data to SD...done.

09:05:48.546 -> Writing data to LoRa...Writing data to SD...done.

09:06:48.542 -> Writing data to LoRa...Writing data to SD...done.

09:07:48.567 -> Writing data to LoRa...Writing data to SD...done.

09:08:48.562 -> Writing data to LoRa...Writing data to SD...done.

09:09:48.554 -> Writing data to LoRa...Writing data to SD...done.

09:10:48.548 -> Writing data to LoRa...Writing data to SD...done.

09:11:48.547 -> Writing data to LoRa...Writing data to SD...done.

09:12:48.571 -> Writing data to LoRa...Writing data to SD...done.

09:13:48.559 -> Writing data to LoRa...Writing data to SD...done.

09:14:48.551 -> Writing data to LoRa...Writing data to SD...done.

09:15:48.580 -> Writing data to LoRa...Writing data to SD...done.

09:16:48.573 -> Writing data to LoRa...Writing data to SD...done.

09:17:48.564 -> Writing data to LoRa...Writing data to SD...done.

09:18:48.553 -> Writing data to LoRa...Writing data to SD...done.

09:19:48.576 -> Writing data to LoRa...Writing data to SD...done.

09:20:48.567 -> Writing data to LoRa...Writing data to SD...done.

09:21:48.556 -> Writing data to LoRa...Writing data to SD...done.

09:22:48.584 -> Writing data to LoRa...Writing data to SD...done.

09:23:48.577 -> Writing data to LoRa...Writing data to SD...done.

09:24:48.569 -> Writing data to LoRa...Writing data to SD...done.

09:25:48.563 -> Writing data to LoRa...Writing data to SD...done.

09:26:48.585 -> Writing data to LoRa...Writing data to SD...done.

09:27:48.578 -> Writing data to LoRa...Writing data to SD...done.

09:28:48.567 -> Writing data to LoRa...Writing data to SD...done.

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09:40:48.583 -> Writing data to LoRa...Writing data to SD...done.

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09:42:48.563 -> Writing data to LoRa...Writing data to SD...done.

09:43:48.589 -> Writing data to LoRa...Writing data to SD...done.

09:44:48.583 -> Writing data to LoRa...Writing data to SD...done.

09:45:48.573 -> Writing data to LoRa...Writing data to SD...done.

09:46:48.598 -> Writing data to LoRa...Writing data to SD...done.

09:47:48.589 -> Writing data to LoRa...Writing data to SD...done.

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09:52:48.582 -> Writing data to LoRa...Writing data to SD...done.

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09:55:48.587 -> Writing data to LoRa...Writing data to SD...done.

09:56:48.615 -> Writing data to LoRa...Writing data to SD...done.

09:57:48.575 -> Writing data to LoRa...Writing data to SD...done.

09:58:48.599 -> Writing data to LoRa...Writing data to SD...done.

09:59:48.588 -> Writing data to LoRa...Writing data to SD...done.

10:00:48.611 -> Writing data to LoRa...Writing data to SD...done.

10:01:48.600 -> Writing data to LoRa...Writing data to SD...done.

10:02:48.589 -> Writing data to LoRa...Writing data to SD...done.

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10:06:48.623 -> Writing data to LoRa...Writing data to SD...done.

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10:10:48.593 -> Writing data to LoRa...Writing data to SD...done.

10:11:48.622 -> Writing data to LoRa...Writing data to SD...done.

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10:13:48.604 -> Writing data to LoRa...Writing data to SD...done.

10:14:48.597 -> Writing data to LoRa...Writing data to SD...done.

10:15:48.626 -> Writing data to LoRa...Writing data to SD...done.

10:16:48.619 -> Writing data to LoRa...Writing data to SD...done.

10:17:48.615 -> Writing data to LoRa...Writing data to SD...done.

10:18:48.603 -> Writing data to LoRa...Writing data to SD...done.

10:19:48.597 -> Writing data to LoRa...Writing data to SD...done.

10:20:48.623 -> Writing data to LoRa...Writing data to SD...done.

10:21:48.616 -> Writing data to LoRa...Writing data to SD...done.

10:22:48.610 -> Writing data to LoRa...Writing data to SD...done.

10:23:48.638 -> Writing data to LoRa...Writing data to SD...done.

10:24:48.632 -> Writing data to LoRa...Writing data to SD...done.

10:25:48.624 -> Writing data to LoRa...Writing data to SD...done.

10:26:48.618 -> Writing data to LoRa...Writing data to SD...done.

10:27:48.613 -> Writing data to LoRa...Writing data to SD...done.

10:28:48.637 -> Writing data to LoRa...Writing data to SD...done.

10:29:48.627 -> Writing data to LoRa...Writing data to SD...done.

10:30:48.616 -> Writing data to LoRa...Writing data to SD...done.

10:31:48.641 -> Writing data to LoRa...Writing data to SD...done.

10:32:48.634 -> Writing data to LoRa...Writing data to SD...done.

10:33:48.623 -> Writing data to LoRa...Writing data to SD...done.

10:34:48.648 -> Writing data to LoRa...Writing data to SD...done.

10:35:48.638 -> Writing data to LoRa...Writing data to SD...done.

10:36:48.632 -> Writing data to LoRa...Writing data to SD...done.

10:37:48.625 -> Writing data to LoRa...Writing data to SD...done.

10:38:48.651 -> Writing data to LoRa...Writing data to SD...done.

10:39:48.642 -> Writing data to LoRa...Writing data to SD...done.

10:40:48.633 -> Writing data to LoRa...Writing data to SD...done.

10:41:48.627 -> Writing data to LoRa...Writing data to SD...done.

10:42:48.655 -> Writing data to LoRa...Writing data to SD...done.

10:43:48.645 -> Writing data to LoRa...Writing data to SD...done.

10:44:48.637 -> Writing data to LoRa...Writing data to SD...done.

10:45:48.628 -> Writing data to LoRa...Writing data to SD...done.

10:46:48.655 -> Writing data to LoRa...Writing data to SD...done.

10:47:48.651 -> Writing data to LoRa...Writing data to SD...done.

10:48:48.645 -> Writing data to LoRa...Writing data to SD...done.

10:49:48.636 -> Writing data to LoRa...Writing data to SD...done.

10:50:48.626 -> Writing data to LoRa...Writing data to SD...done.

10:51:48.652 -> Writing data to LoRa...Writing data to SD...done.

10:52:48.644 -> Writing data to LoRa...Writing data to SD...done.

10:53:48.637 -> Writing data to LoRa...Writing data to SD...done.

10:54:48.661 -> Writing data to LoRa...Writing data to SD...done.

10:55:48.650 -> Writing data to LoRa...Writing data to SD...done.

10:56:48.643 -> Writing data to LoRa...Writing data to SD...done.

10:57:48.670 -> Writing data to LoRa...Writing data to SD...done.

10:58:48.658 -> Writing data to LoRa...Writing data to SD...done.

10:59:48.662 -> Writing data to LoRa...Writing data to SD...done.

11:00:48.643 -> Writing data to LoRa...Writing data to SD...done.

11:01:48.661 -> Writing data to LoRa...Writing data to SD...done.

11:02:48.651 -> Writing data to LoRa...Writing data to SD...done.

11:03:48.647 -> Writing data to LoRa...Writing data to SD...done.

11:04:48.672 -> Writing data to LoRa...Writing data to SD...done.

11:05:48.664 -> Writing data to LoRa...Writing data to SD...done.

11:06:48.654 -> Writing data to LoRa...Writing data to SD...done.

11:07:48.645 -> Writing data to LoRa...Writing data to SD...done.

11:08:48.672 -> Writing data to LoRa...Writing data to SD...done.

11:09:48.664 -> Writing data to LoRa...Writing data to SD...done.

11:10:48.658 -> Writing data to LoRa...Writing data to SD...done.

11:11:48.657 -> Writing data to LoRa...Writing data to SD...done.

11:12:48.680 -> Writing data to LoRa...Writing data to SD...done.

11:13:48.670 -> Writing data to LoRa...Writing data to SD...done.

11:14:48.662 -> Writing data to LoRa...Writing data to SD...done.

11:15:48.652 -> Writing data to LoRa...Writing data to SD...done.

11:16:48.677 -> Writing data to LoRa...Writing data to SD...done.

11:17:48.670 -> Writing data to LoRa...Writing data to SD...done.

11:18:48.656 -> Writing data to LoRa...Writing data to SD...done.

11:19:48.647 -> Writing data to LoRa...Writing data to SD...done.

11:20:48.678 -> Writing data to LoRa...Writing data to SD...done.

11:21:48.671 -> Writing data to LoRa...Writing data to SD...done.

11:22:48.665 -> Writing data to LoRa...Writing data to SD...done.

11:23:48.688 -> Writing data to LoRa...Writing data to SD...done.

11:24:48.679 -> Writing data to LoRa...Writing data to SD...done.

11:25:48.671 -> Writing data to LoRa...Writing data to SD...done.

11:26:48.661 -> Writing data to LoRa...Writing data to SD...done.

11:27:48.688 -> Writing data to LoRa...Writing data to SD...done.

11:28:48.678 -> Writing data to LoRa...Writing data to SD...done.

11:29:48.668 -> Writing data to LoRa...Writing data to SD...done.

11:30:48.696 -> Writing data to LoRa...Writing data to SD...done.

11:31:48.689 -> Writing data to LoRa...Writing data to SD...done.

11:32:48.685 -> Writing data to LoRa...Writing data to SD...done.

11:33:48.669 -> Writing data to LoRa...Writing data to SD...done.

11:34:48.694 -> Writing data to LoRa...Writing data to SD...done.

11:35:48.662 -> Writing data to LoRa...Writing data to SD...done.

11:36:48.701 -> Writing data to LoRa...Writing data to SD...done.

11:37:48.671 -> Writing data to LoRa...Writing data to SD...done.

11:38:48.674 -> Writing data to LoRa...Writing data to SD...done.

11:39:48.679 -> Writing data to LoRa...Writing data to SD...done.

11:40:48.684 -> Writing data to LoRa...Writing data to SD...done.

11:41:48.685 -> Writing data to LoRa...Writing data to SD...done.

11:42:48.688 -> Writing data to LoRa...Writing data to SD...done.

11:43:48.690 -> Writing data to LoRa...Writing data to SD...done.

11:44:48.692 -> Writing data to LoRa...Writing data to SD...done.

11:45:48.693 -> Writing data to LoRa...Writing data to SD...done.

11:46:48.693 -> Writing data to LoRa...Writing data to SD...done.

11:47:48.687 -> Writing data to LoRa...Writing data to SD...done.

11:48:48.713 -> Writing data to LoRa...Writing data to SD...done.

11:49:48.706 -> Writing data to LoRa...Writing data to SD...done.

11:50:48.707 -> Writing data to LoRa...Writing data to SD...done.

11:51:48.708 -> Writing data to LoRa...Writing data to SD...done.

11:52:48.705 -> Writing data to LoRa...Writing data to SD...done.

11:53:48.707 -> Writing data to LoRa...Writing data to SD...done.

11:54:48.700 -> Writing data to LoRa...Writing data to SD...done.

11:55:48.698 -> Writing data to LoRa...Writing data to SD...done.

11:56:48.700 -> Writing data to LoRa...Writing data to SD...done.

11:57:48.703 -> Writing data to LoRa...Writing data to SD...done.

11:58:48.712 -> Writing data to LoRa...Writing data to SD...done.

11:59:48.711 -> Writing data to LoRa...Writing data to SD...done.

12:00:48.709 -> Writing data to LoRa...Writing data to SD...done.

12:01:48.711 -> Writing data to LoRa...Writing data to SD...done.

12:02:48.712 -> Writing data to LoRa...Writing data to SD...done.

12:03:48.714 -> Writing data to LoRa...Writing data to SD...done.

12:04:48.715 -> Writing data to LoRa...Writing data to SD...done.

12:05:48.715 -> Writing data to LoRa...Writing data to SD...done.

12:06:48.719 -> Writing data to LoRa...Writing data to SD...done.

12:07:48.721 -> Writing data to LoRa...Writing data to SD...done.

12:08:48.720 -> Writing data to LoRa...Writing data to SD...done.

12:09:48.724 -> Writing data to LoRa...Writing data to SD...done.

12:10:48.725 -> Writing data to LoRa...Writing data to SD...done.

12:11:48.727 -> Writing data to LoRa...Writing data to SD...done.

12:12:48.717 -> Writing data to LoRa...Writing data to SD...done.

12:13:48.717 -> Writing data to LoRa...Writing data to SD...done.

12:14:48.718 -> Writing data to LoRa...Writing data to SD...done.

12:15:48.717 -> Writing data to LoRa...Writing data to SD...done.

12:16:48.716 -> Writing data to LoRa...Writing data to SD...done.

12:17:48.709 -> Writing data to LoRa...Writing data to SD...done.

12:18:48.729 -> Writing data to LoRa...Writing data to SD...done.

12:19:48.729 -> Writing data to LoRa...Writing data to SD...done.

12:20:48.732 -> Writing data to LoRa...Writing data to SD...done.

12:21:48.733 -> Writing data to LoRa...Writing data to SD...done.

12:22:48.729 -> Writing data to LoRa...Writing data to SD...done.

12:23:48.731 -> Writing data to LoRa...Writing data to SD...done.

12:24:48.736 -> Writing data to LoRa...Writing data to SD...done.

12:25:48.729 -> Writing data to LoRa...Writing data to SD...done.

12:26:48.727 -> Writing data to LoRa...Writing data to SD...done.

12:27:48.727 -> Writing data to LoRa...Writing data to SD...done.

12:28:48.724 -> Writing data to LoRa...Writing data to SD...done.

12:29:48.726 -> Writing data to LoRa...Writing data to SD...done.

12:30:48.719 -> Writing data to LoRa...Writing data to SD...done.

12:31:48.720 -> Writing data to LoRa...Writing data to SD...done.

12:32:48.723 -> Writing data to LoRa...Writing data to SD...done.

12:33:48.726 -> Writing data to LoRa...Writing data to SD...done.

12:34:48.726 -> Writing data to LoRa...Writing data to SD...done.

12:35:48.726 -> Writing data to LoRa...Writing data to SD...done.

12:36:48.724 -> Writing data to LoRa...Writing data to SD...done.

12:37:48.726 -> Writing data to LoRa...Writing data to SD...done.

12:38:48.726 -> Writing data to LoRa...Writing data to SD...done.

12:39:48.732 -> Writing data to LoRa...Writing data to SD...done.

12:40:48.738 -> Writing data to LoRa...Writing data to SD...done.

12:41:48.742 -> Writing data to LoRa...Writing data to SD...done.

12:42:48.743 -> Writing data to LoRa...Writing data to SD...done.

12:43:48.740 -> Writing data to LoRa...Writing data to SD...done.

12:44:48.743 -> Writing data to LoRa...Writing data to SD...done.

12:45:48.742 -> Writing data to LoRa...Writing data to SD...done.

12:46:48.740 -> Writing data to LoRa...Writing data to SD...done.

12:47:48.759 -> Writing data to LoRa...Writing data to SD...done.

12:48:48.764 -> Writing data to LoRa...Writing data to SD...done.

12:49:48.768 -> Writing data to LoRa...Writing data to SD...done.

12:50:48.765 -> Writing data to LoRa...Writing data to SD...done.

12:51:48.768 -> Writing data to LoRa...Writing data to SD...done.

12:52:48.769 -> Writing data to LoRa...Writing data to SD...done.

12:53:48.763 -> Writing data to LoRa...Writing data to SD...done.

12:54:48.763 -> Writing data to LoRa...Writing data to SD...done.

12:55:48.761 -> Writing data to LoRa...Writing data to SD...done.

12:56:48.759 -> Writing data to LoRa...Writing data to SD...done.

12:57:48.769 -> Writing data to LoRa...Writing data to SD...done.

12:58:48.770 -> Writing data to LoRa...Writing data to SD...done.

12:59:48.773 -> Writing data to LoRa...Writing data to SD...done.

13:00:48.768 -> Writing data to LoRa...Writing data to SD...done.

13:01:48.769 -> Writing data to LoRa...Writing data to SD...done.

13:02:48.768 -> Writing data to LoRa...Writing data to SD...done.

13:03:48.772 -> Writing data to LoRa...Writing data to SD...done.

13:04:48.773 -> Writing data to LoRa...Writing data to SD...done.

13:05:48.777 -> Writing data to LoRa...Writing data to SD...done.

13:06:48.777 -> Writing data to LoRa...Writing data to SD...done.

13:07:48.772 -> Writing data to LoRa...Writing data to SD...done.

13:08:48.773 -> Writing data to LoRa...Writing data to SD...done.

13:09:48.773 -> Writing data to LoRa...Writing data to SD...done.