

## Software - Tickets

| #   | Tracker | Status         | Priorität | Thema                                                                                                   | Zugewiesen an       | Aktualisiert     |
|-----|---------|----------------|-----------|---------------------------------------------------------------------------------------------------------|---------------------|------------------|
| 713 | Feature | Neu            | Normal    | Make it compile for host computer                                                                       | Maximilian Seesslen | 21.11.2025 16:31 |
| 712 | Feature | Neu            | Normal    | CMake: No install target                                                                                | Maximilian Seesslen | 21.11.2025 16:25 |
| 709 | Feature | Neu            | Normal    | Use changeable framework                                                                                |                     | 11.11.2025 16:26 |
| 705 | Fehler  | Gelöst         | Normal    | MAX31855: Negative values are not calculated correctly                                                  | Maximilian Seesslen | 03.11.2025 18:08 |
| 702 | Feature | Neu            | Normal    | Add fast readout command                                                                                | Maximilian Seesslen | 03.11.2025 14:47 |
| 698 | Feature | Neu            | Normal    | Dynamic port assigning                                                                                  | Maximilian Seesslen | 29.09.2025 11:46 |
| 697 | Feature | Neu            | Normal    | Simulate touch display on Qt board gui                                                                  | Maximilian Seesslen | 26.09.2025 15:56 |
| 696 | Fehler  | In Bearbeitung | Normal    | Touch: Whole processing is done in ISR                                                                  | Maximilian Seesslen | 26.09.2025 11:47 |
| 695 | Feature | Neu            | Normal    | Verify dynamic sleep                                                                                    | Maximilian Seesslen | 25.09.2025 13:56 |
| 694 | Fehler  | To be verified | Normal    | CList: Add method for searching for item                                                                | Maximilian Seesslen | 25.09.2025 09:51 |
| 693 | Feature | Neu            | Normal    | Simplify smootheners                                                                                    |                     | 24.09.2025 13:18 |
| 692 | Feature | To be verified | Normal    | CRC: Make methods const.                                                                                | Maximilian Seesslen | 25.09.2025 13:16 |
| 691 | Feature | Neu            | Normal    | Specify timestamps                                                                                      | Maximilian Seesslen | 24.09.2025 16:40 |
| 690 | Feature | To be verified | Normal    | Retain: Use bigger data type than 8bit for counter                                                      | Maximilian Seesslen | 25.09.2025 09:52 |
| 689 | Feature | To be verified | Normal    | Allow more retain containers than two                                                                   | Maximilian Seesslen | 24.09.2025 17:21 |
| 688 | Fehler  | To be verified | Normal    | Host GUI: Pressing button does not result in interrupt                                                  | Maximilian Seesslen | 25.09.2025 13:00 |
| 687 | Feature | To be verified | Normal    | Blink modes: Use slower timings for host                                                                | Maximilian Seesslen | 18.09.2025 13:32 |
| 685 | Feature | To be verified | Normal    | Support expandable lists                                                                                | Maximilian Seesslen | 16.09.2025 13:26 |
| 684 | Feature | To be verified | Normal    | Add unit tests for strings.                                                                             | Maximilian Seesslen | 16.09.2025 11:22 |
| 683 | Feature | To be verified | Normal    | Add support for backspace key                                                                           | Maximilian Seesslen | 17.09.2025 11:11 |
| 679 | Feature | To be verified | Normal    | Implement CONFIG_LEPTO_RING_CUSTOM_DATA                                                                 | Maximilian Seesslen | 25.09.2025 13:23 |
| 677 | Feature | Neu            | Normal    | Run on host natively                                                                                    | Maximilian Seesslen | 15.09.2025 15:02 |
| 671 | Feature | To be verified | Normal    | Implement dynamic sleep                                                                                 | Maximilian Seesslen | 25.09.2025 13:56 |
| 663 | Feature | Neu            | Normal    | Document tips and tricks                                                                                | Maximilian Seesslen | 17.09.2025 10:44 |
| 654 | Feature | Neu            | Normal    | GCC 15 is out                                                                                           | Maximilian Seesslen | 14.05.2025 14:22 |
| 653 | Feature | Neu            | Normal    | implement font converter                                                                                | Maximilian Seesslen | 13.11.2025 11:40 |
| 644 | Feature | Neu            | Normal    | Find first replay block fast                                                                            | Maximilian Seesslen | 24.09.2025 15:16 |
| 641 | Test    | Neu            | Normal    | Enable source section-id; Inject message from radio with too low package-ID, expect exception           |                     | 10.04.2025 20:33 |
| 640 | Test    | Neu            | Normal    | Enable source section-id; Inject message from radio with too high package-ID, expect exception          |                     | 10.04.2025 20:33 |
| 639 | Test    | Neu            | Normal    | Inject message via CAN, expect it on radio as broadcast. Don't acknowledge it. Expect further messages. |                     | 10.04.2025 20:33 |

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| 638 | Test        | Neu            | Normal    | Inject message via CAN, expect it on radio as broadcast. Acknowledge it. Don't expect further messages. |                     | 10.04.2025 20:33 |
| 637 | Test        | Neu            | Normal    | Inject same message from radio, expect another ACK on radio                                             |                     | 10.04.2025 20:33 |
| 636 | Test        | Neu            | Normal    | Inject an message from radio, expect ACK on radio                                                       | Maximilian Seesslen | 10.04.2025 20:32 |
| 635 | Test        | Neu            | Normal    | Expect section-id to vanish from section-mask after timeout                                             | Maximilian Seesslen | 10.04.2025 20:32 |
| 634 | Test        | Neu            | Normal    | Inject heartbeat from radio, expect section-id in section-mask                                          | Maximilian Seesslen | 10.04.2025 20:32 |
| 628 | Feature     | To be verified | Normal    | use 128 bit UID                                                                                         | Maximilian Seesslen | 17.09.2025 14:39 |
| 625 | Feature     | Neu            | Normal    | Add websocket server                                                                                    | Maximilian Seesslen | 18.03.2025 17:40 |
| 614 | Fehler      | Neu            | Normal    | Errors are not handled reliable                                                                         |                     | 03.03.2025 16:39 |
| 611 | Feature     | Neu            | Normal    | Bringup: verify/calibrate crystals                                                                      | Maximilian Seesslen | 25.09.2025 14:10 |
| 608 | Feature     | Neu            | Normal    | Shutdown command                                                                                        | Maximilian Seesslen | 29.01.2025 16:57 |
| 603 | Feature     | Neu            | Normal    | Vagus: CAN: use filters                                                                                 | Maximilian Seesslen | 22.01.2025 14:24 |
| 595 | Feature     | Neu            | Normal    | Check board id and revision before flashing                                                             | Maximilian Seesslen | 15.01.2025 15:12 |
| 593 | Feature     | Neu            | Normal    | hwdata: clean up                                                                                        | Maximilian Seesslen | 13.01.2025 15:38 |
| 587 | Feature     | Neu            | Normal    | Readme is missing                                                                                       | Maximilian Seesslen | 18.12.2024 13:54 |
| 586 | Feature     | Neu            | Normal    | Test implementation of eventLoop class                                                                  | Maximilian Seesslen | 27.11.2024 13:55 |
| 582 | Feature     | Neu            | Normal    | change TDT command to set/get time/date to time_t                                                       | Maximilian Seesslen | 12.11.2024 16:13 |
| 579 | Feature     | Neu            | Normal    | Generate list of packages                                                                               | Maximilian Seesslen | 11.11.2024 10:57 |
| 578 | Fehler      | Neu            | Normal    | Python from host is involved                                                                            | Maximilian Seesslen | 11.11.2024 10:55 |
| 577 | Fehler      | Neu            | Hoch      | Not all binaries get patched to use own interpreter                                                     | Maximilian Seesslen | 11.11.2024 14:48 |
| 567 | Feature     | Neu            | Normal    | Clean up heart-beat-LED-code                                                                            | Maximilian Seesslen | 17.09.2025 10:49 |
| 566 | Feature     | Neu            | Normal    | create const icon references                                                                            | Maximilian Seesslen | 09.01.2025 16:06 |
| 558 | Fehler      | Neu            | Normal    | Reading touch calibration is very unreliable                                                            | Maximilian Seesslen | 07.10.2024 14:50 |
| 557 | Fehler      | Neu            | Normal    | When switchin from "minutnik running items" to clock, background of letters are violet                  | Maximilian Seesslen | 27.08.2024 22:41 |
| 553 | Feature     | Neu            | Normal    | implement monitor mode                                                                                  | Maximilian Seesslen | 08.09.2025 14:58 |
| 552 | Feature     | Neu            | Normal    | Implement Heartbeat                                                                                     | Maximilian Seesslen | 23.08.2024 13:42 |
| 550 | Feature     | Neu            | Normal    | Show CANHub connector status on status bar                                                              | Maximilian Seesslen | 20.08.2024 15:07 |
| 547 | Feature     | Neu            | Normal    | Loop detection                                                                                          | Maximilian Seesslen | 15.08.2024 16:12 |
| 546 | Feature     | Neu            | Normal    | multiple servers                                                                                        | Maximilian Seesslen | 15.08.2024 16:01 |
| 544 | Fehler      | Neu            | Normal    | Connectors: tolerate wrong sizes                                                                        | Maximilian Seesslen | 15.08.2024 15:23 |
| 517 | Feature     | Neu            | Normal    | Why does mainswitch stabelize values?                                                                   |                     | 24.04.2024 12:08 |
| 514 | Feature     | Neu            | Normal    | Test arena generated handler structure                                                                  | Maximilian Seesslen | 05.02.2025 16:30 |
| 511 | Requirement | Neu            | Normal    | An keep-awake-event via CAN should extend shutdown timeout                                              | Maximilian Seesslen | 06.09.2024 11:22 |

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|-----|-------------|----------------|-----------|-------------------------------------------------------------------------|---------------------|------------------|
| 510 | Requirement | Neu            | Normal    | timeout shutdown                                                        | Maximilian Seesslen | 06.09.2024 11:19 |
| 501 | Test        | Neu            | Normal    | Send wanna-sleep                                                        |                     | 17.04.2024 18:22 |
| 497 | Feature     | Neu            | Normal    | campo.sh: add changeLogSubmodules                                       | Maximilian Seesslen | 26.02.2024 18:31 |
| 489 | Test        | Neu            | Normal    | Send keep-alive                                                         | Maximilian Seesslen | 17.04.2024 18:22 |
| 488 | Test        | Neu            | Normal    | Fading out before timeout                                               | Maximilian Seesslen | 17.04.2024 18:22 |
| 486 | Test        | In Bearbeitung | Normal    | timeout warning                                                         | Maximilian Seesslen | 11.02.2024 07:43 |
| 474 | Fehler      | Neu            | Normal    | Git history is not reset                                                | Maximilian Seesslen | 19.01.2024 17:47 |
| 473 | Fehler      | Neu            | Normal    | There is no actual template for README.md                               |                     | 19.01.2024 15:21 |
| 463 | Feature     | Neu            | Normal    | support bootcounter in config                                           | Maximilian Seesslen | 27.12.2023 17:12 |
| 454 | Feature     | Neu            | Normal    | Verify smootheners                                                      |                     | 04.11.2025 10:57 |
| 443 | Feature     | Neu            | Normal    | implement validate mode                                                 | Maximilian Seesslen | 20.11.2023 15:54 |
| 442 | Feature     | Neu            | Normal    | Use listening mode                                                      | Maximilian Seesslen | 20.11.2023 15:32 |
| 441 | Feature     | Neu            | Normal    | Measure current consumption in RX mode                                  | Maximilian Seesslen | 20.11.2023 15:31 |
| 439 | Fehler      | Neu            | Normal    | Check RSSI instead of delaying                                          | Maximilian Seesslen | 20.11.2023 15:05 |
| 429 | Feature     | Neu            | Normal    | Multi-Nodes                                                             | Maximilian Seesslen | 20.11.2023 15:10 |
| 428 | Feature     | Neu            | Normal    | Retransmit Messages                                                     | Maximilian Seesslen | 27.10.2023 13:26 |
| 420 | Feature     | Neu            | Normal    | bme680: calculate absolute humidity                                     | Maximilian Seesslen | 14.08.2023 15:04 |
| 418 | Feature     | Neu            | Normal    | campo.sh: verify "release" function                                     | Maximilian Seesslen | 20.07.2023 14:19 |
| 416 | Feature     | Neu            | Normal    | CPlotter: show date when time range is too big                          | Maximilian Seesslen | 13.07.2023 16:12 |
| 369 | Feature     | Neu            | Normal    | Send alarm on I2C error                                                 | Maximilian Seesslen | 01.03.2023 11:43 |
| 365 | Feature     | Neu            | Normal    | Show event marker in plots                                              | Maximilian Seesslen | 13.07.2023 13:55 |
| 364 | Feature     | Neu            | Normal    | evaluate more values                                                    | Maximilian Seesslen | 13.02.2023 17:28 |
| 363 | Feature     | Neu            | Normal    | Show marker in plots                                                    | Maximilian Seesslen | 11.07.2023 16:36 |
| 357 | Fehler      | Neu            | Normal    | python-host: on debian pip and setuptools are not created automatically | Maximilian Seesslen | 02.02.2023 14:31 |
| 355 | Feature     | Neu            | Normal    | activate chroot tests again                                             | Maximilian Seesslen | 22.05.2024 10:33 |
| 354 | Fehler      | Neu            | Normal    | autoconf directory from host is used                                    | Maximilian Seesslen | 02.02.2023 11:40 |
| 350 | Feature     | Neu            | Normal    | implement generic subcommands                                           | Maximilian Seesslen | 24.01.2023 18:23 |
| 349 | Requirement | Neu            | Normal    | Low voltage alert                                                       | Maximilian Seesslen | 06.09.2024 11:19 |
| 345 | Feature     | Neu            | Normal    | unit tests: parse hwinfo files                                          | Maximilian Seesslen | 28.11.2023 14:15 |
| 342 | Feature     | Neu            | Normal    | USB CDC tester                                                          | Maximilian Seesslen | 02.02.2023 11:56 |
| 317 | Feature     | Neu            | Normal    | Implement big Statemachine                                              | Maximilian Seesslen | 21.11.2022 13:41 |
| 311 | Feature     | Neu            | Normal    | Implement DMA USB                                                       | Maximilian Seesslen | 17.09.2025 10:50 |
| 270 | Feature     | Neu            | Normal    | Font in SPI-Flash                                                       | Maximilian Seesslen | 29.11.2022 10:12 |

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| 248 | Fehler        | Neu    | Normal    | hw v0.2.x: add quirk to board file for UART pulldown               | Maximilian Seesslen | 14.08.2023 12:36 |
| 242 | Feature       | Neu    | Normal    | implement png reader                                               | Maximilian Seesslen | 12.01.2023 19:00 |
| 241 | Feature       | Neu    | Normal    | implement SPI DMA transmit                                         | Maximilian Seesslen | 17.09.2025 10:50 |
| 186 | Fehler        | Neu    | Normal    | RTC does not store date                                            | Maximilian Seesslen | 13.02.2023 17:17 |
| 185 | Feature       | Neu    | Niedrig   | Evaluate RTC calibration                                           | Maximilian Seesslen | 02.02.2023 13:12 |
| 176 | Feature       | Neu    | Normal    | create custom targets to cmake file to create and deploy documents | Maximilian Seesslen | 27.06.2022 18:23 |
| 144 | Feature       | Neu    | Normal    | implement hwdatas term command                                     |                     | 24.11.2023 14:38 |
| 75  | Unterstützung | Neu    | Normal    | bringup: Create test to write internal flash                       | Maximilian Seesslen | 19.12.2023 16:49 |