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Pic.: Frequency-Map based on WeMOTA datalogging

More Information:

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Datalogger and Controller ECU

Vehicle network-optimized ECU for data logging, gateways, control applications and Edge-Computing in vehicles or test fleets

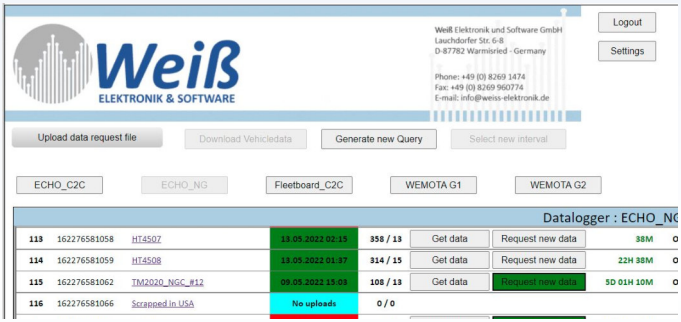
WeMOTA G2 mini

WeMOTA G2 mini
Hardware Specification:

- Supply Voltage: 6V ... 36V
- Temperature Range: -40°C ... +70°C
- Current Consumption: <1.0A (12V), 0.5A (24V)
- Dimension: 215mm x 150mm x 30/38mm
- Weight: about 850 g
- Standards, Approvals: CE, FC, CRC Colombia
- 18 x CAN-2.0 and CAN-FD Interfaces
- 4 x 1 Gbit Ethernet Interface
- 1 x 100 Mbit Ethernet Interface
- 1 x 1000Base-T1 Ethernet Interface
- 6 x 100Base-T1 Ethernet Interface (SJA1110 Switch)
- 2 x USB Interface
- 2 x FlexRay® Interface
- 8 x LIN-Interface
- SD-card Interface
- RTC Real Time Clock
- NXP-S32G274 CPU:
  4 ARM® Cortex® A53 64-bit cores,
  3 ARM® Cortex® M7 cores,
  4 GB RAM
- Up to 1TB industrial grade SSD drive
- Noiseless Passive Cooling
- customer specific Wiring Harnesses
- optional 4G LTE or 5G Modem with GNSS/GPS
- optional TFT-Touchscreen Display

WeMOTA G2 mini
Datalogger Software:

- Create or edit measurement configurations with our WeMOTA-Frontend (portable software, no installation necessary)
- Import many different network description databases
- WeMOTA can handle multiple measurement tasks
- Diagnostics can be performed via CAN, CCP, XCP and UDS protocol
- Seed and Key with standard DLL-Files supported
- Multiple measuring triggers possible
- Camera interface and recording triggers can be configured
- Different output data formats supported



WeMOTA Cloud:

- Over the air software updates possible
- Send configurations via WeMOTA cloud server
- Overview of the operating status of all your devices
- Summary of recent measurements
- Which of your devices are currently online and which ones have not been used for how long
- Configure device settings
- Select special result files or result files of a specific time for download
- Script controlled download of measurement results is also possible
- Download: Video files; GPS data or even a map with actual GPS location or travelled route of the device; User-specific evaluations; Recorded CAN data; recorded diagnostic data; DTC-Readout, ...
- Customer specific postprocessing possible, e.g. Load collective evaluation; Artificial intelligence algorithms; Statistics; Dashboards; Maps with custom specific data, ...