GeDaD MCS

Marine Control Server

Quick launch



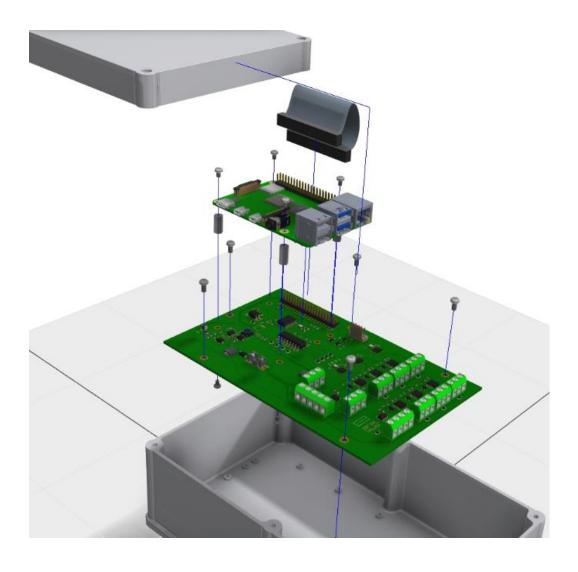
www.GeDaD.de



Key Facts MCS:

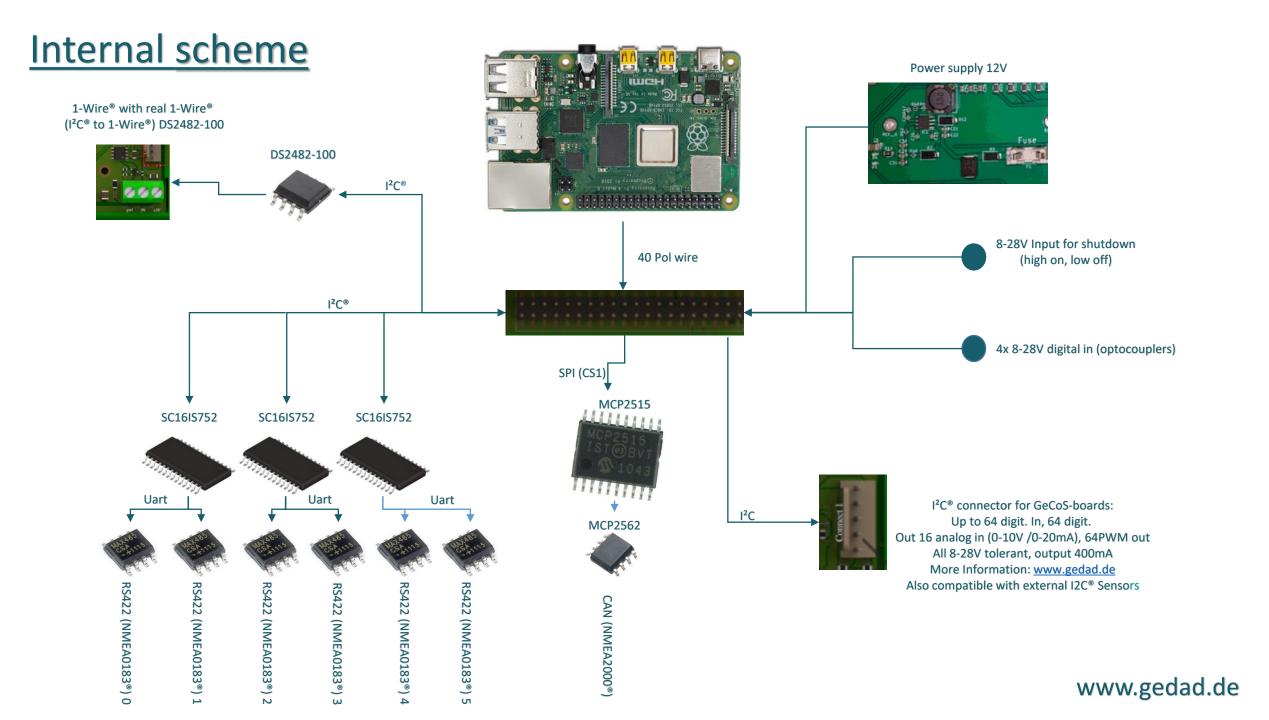
- Easy-to-use all-round adapter board for Marine application
- Combines different interfaces
- Usable with Raspberry Pi 4
- Large input voltage range (8-28V)
- Integrated 5V Power adapter
- Autoshutdown for power down Pi and shutdown board
- 6x NMEA0183® compatible interfaces (configurable as input or output)
- 1x NMEA2000® compatible interface
- 1x 1-Wire® interface with real 1-Wire® standard
- 1x 5V tolerant I²C[®] interface
- 4x digital Inputs
- Ready to use open source app for OpenPlotter

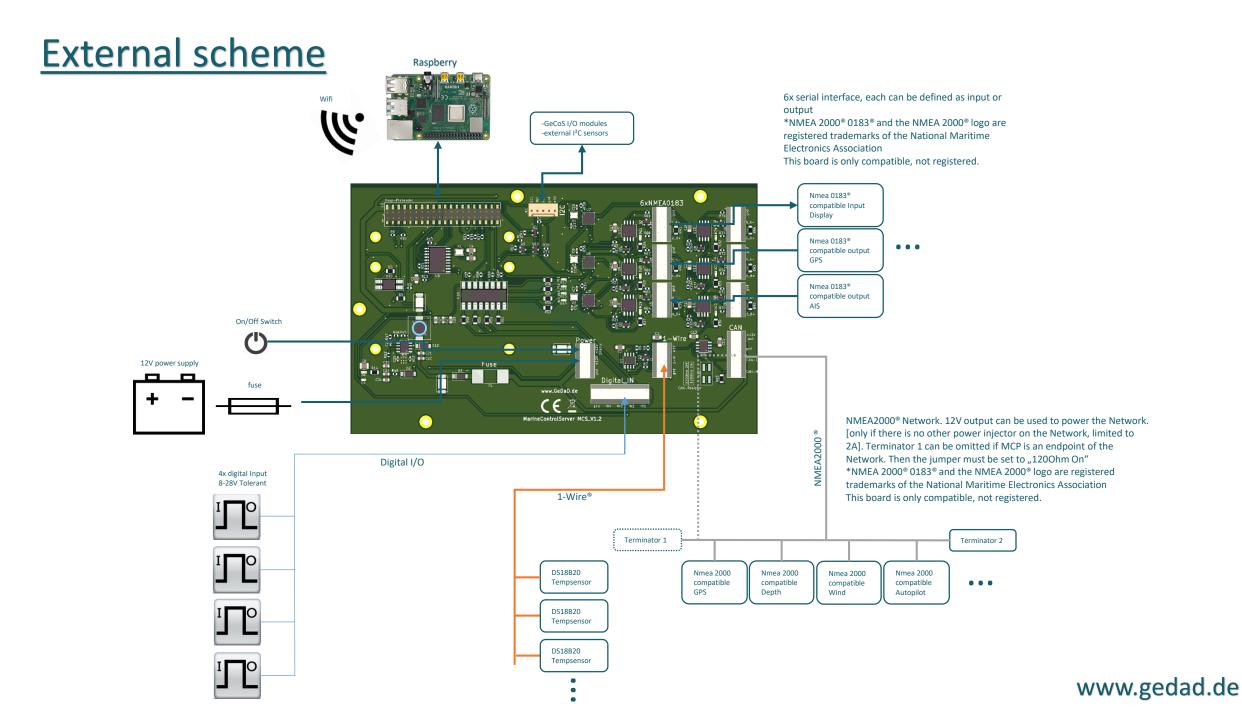
MCS installation view



MCS mounted in housing

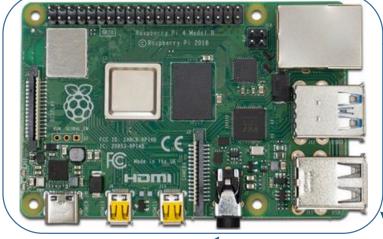






Software scheme

Raspberry



Configuration

Config

ttySC0 ; ttySC1 ; ttySC2 ; ttySC3

Supported by:



"The open-source sailing platform for ARM computers"

Openplotter is a great project and is made fully open source. Openplotter handles and configures all necessary resources of the Pi that you need to integrate different Sensors .An App is available witch supports the MCS Board completely so all effort to use the board is done by a few clicks.

Openplotter can handle furthermore features for a great experience with marine application.

See further Information: http://sailoog.com/openplotter

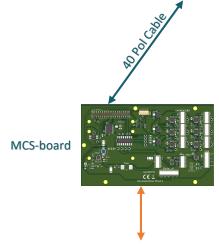
Supported by:



The Open Marine Data Standard

A Free and Open Source universal marine data exchange format

"Signal K is a modern and open data format for marine use. Built on standard web technologies including JSON, WebSockets and HTTP, Signal K provides a method for sharing information in a way that is friendly to WiFi, cellphones, tablets and the Internet. A format available to everyone, where anyone can contribute, Signal K is the first truly open data format for the marine industry and is set to revolutionize how we consume and interact with data on boats." For more Information see: http://signalk.org/



sensors, actuators // GPS AIS WIND etc.