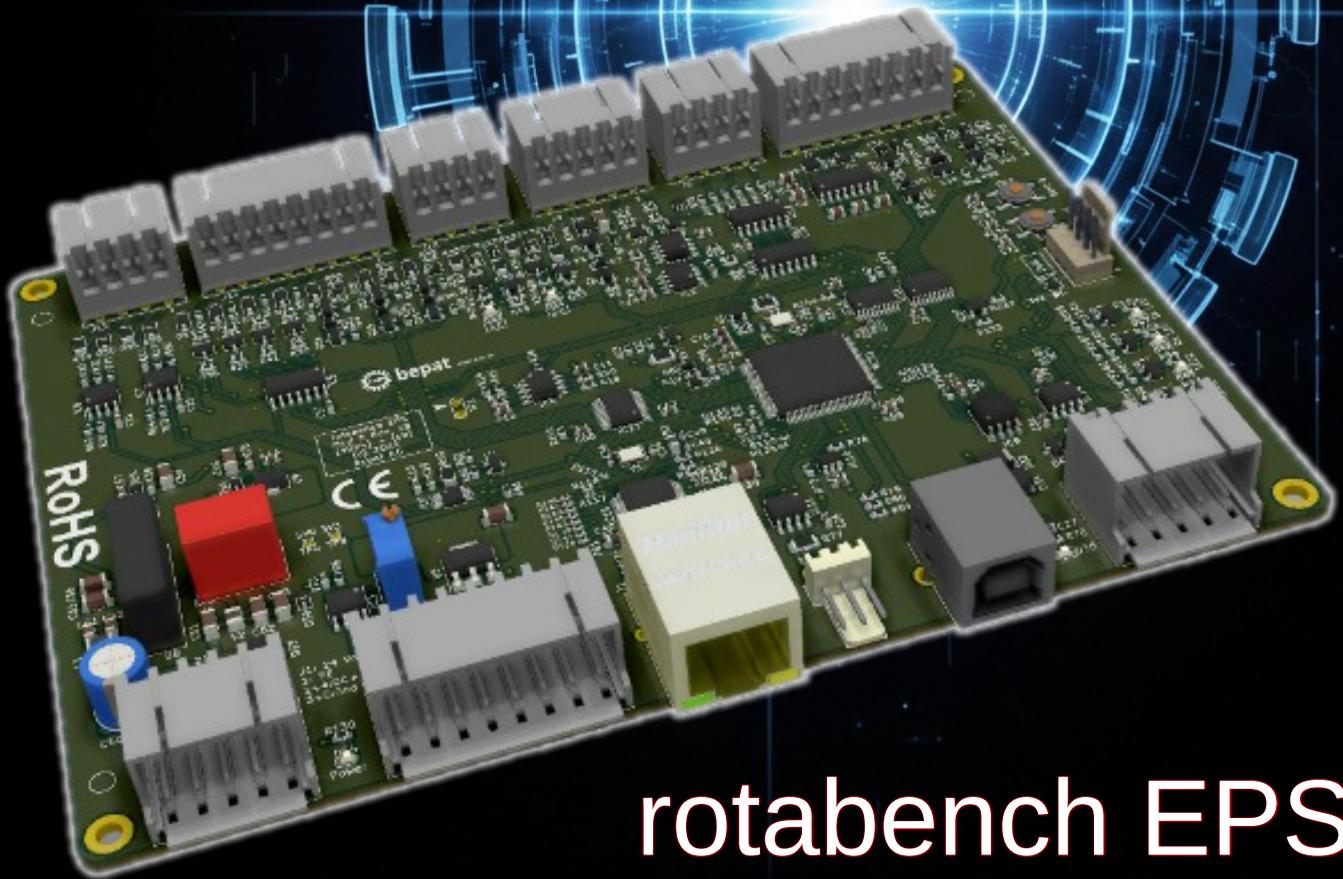


Small device. Big impact.



rotabench EPS
test bench control
for rotating test benches



One PCB ...

to control your
rotating test
bench:

- control the drive train
- integrated torque sensor communication
- measure torque, speed and position
- and connect it to your software via Ethernet or CAN bus

Connect a Kistler 4503B Torque Sensor

with 1:1 cabling
(power, torque signal, RS232 and digital IO)



photo of 4503B torque sensor
© Kistler

MECHANICAL

ENGINEERING

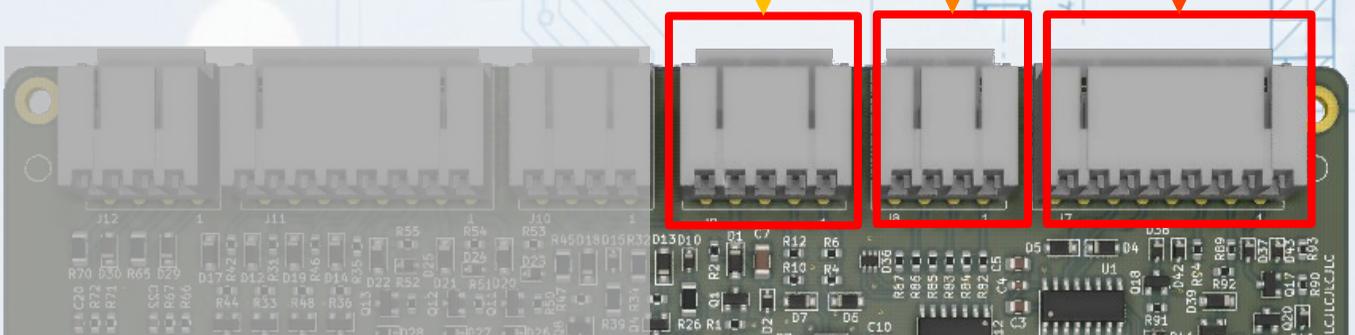
T20M 150

MATERIAL PM-5:01

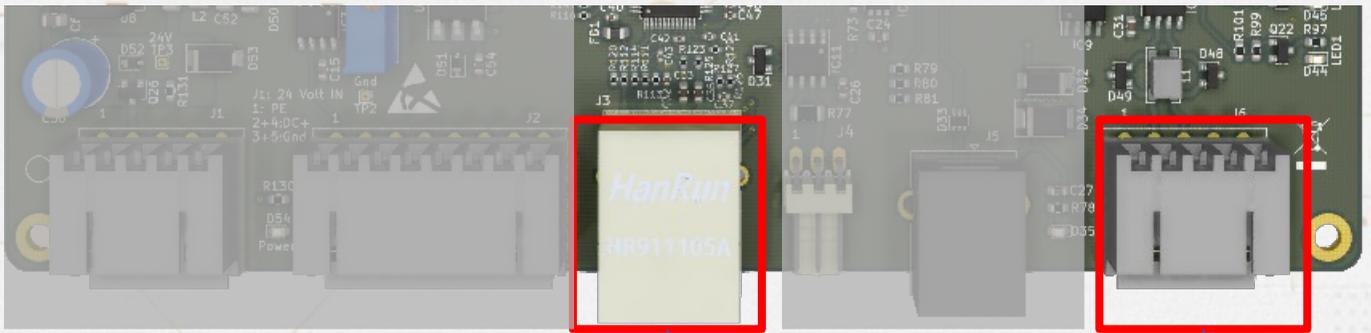
RS232 and digital IO (24V)

5 Volt TTL Encoder (A,B,Z)

Torque signal and power

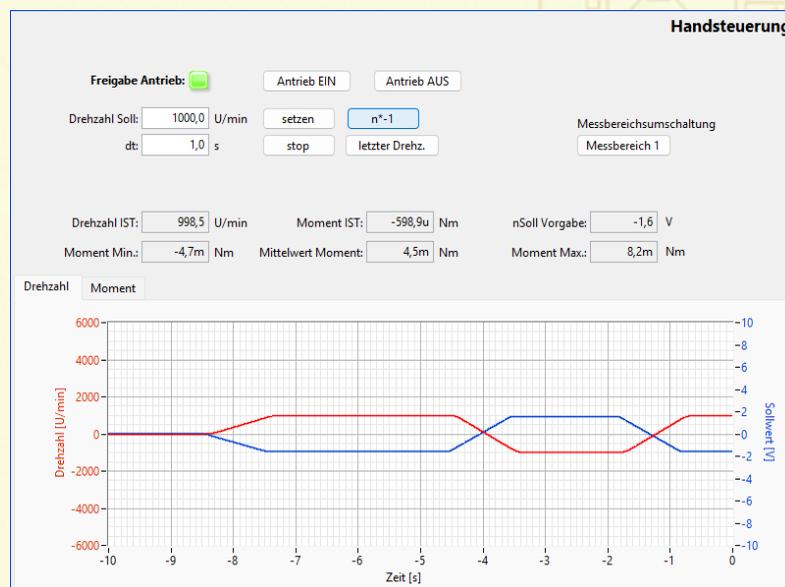


Use TCP/IP or CAN for the communication with our or your own test bench software

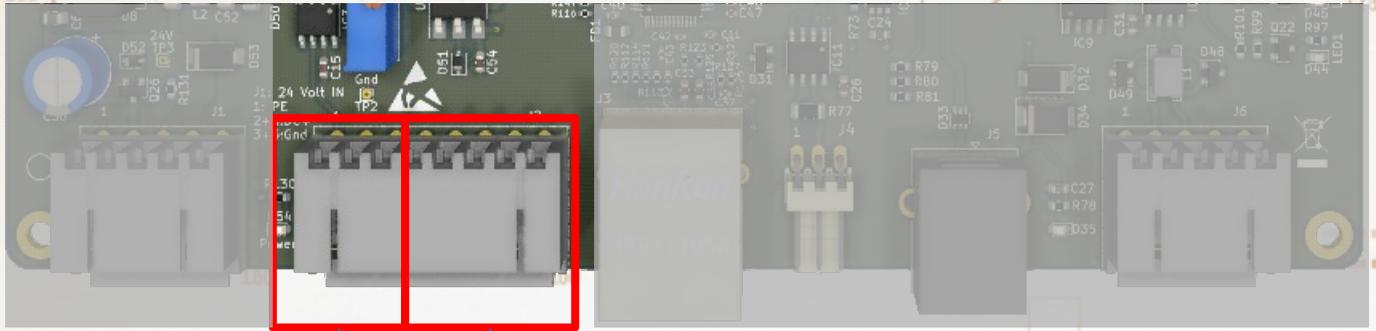


10/100 MBit Ethernet

CAN bus



Use the integrated signal conditioning



Encoder Signals 5V TTL (A,B,Z)

$\pm 10V$ analog Torque Signal

... and connect the signals to a power analyzer, eg. a Yokogawa WT5000, together with current and voltage signals ...



**It won't get
much easier ...**

**... to set up a dyno
test bench for electric
motors!**

We've already solved the complex low level integration tasks for you.

With rotabench EPS, you start measuring while others are still wiring.