

INNOVATIVE ELECTRONICS ENGINEERING



ZERO

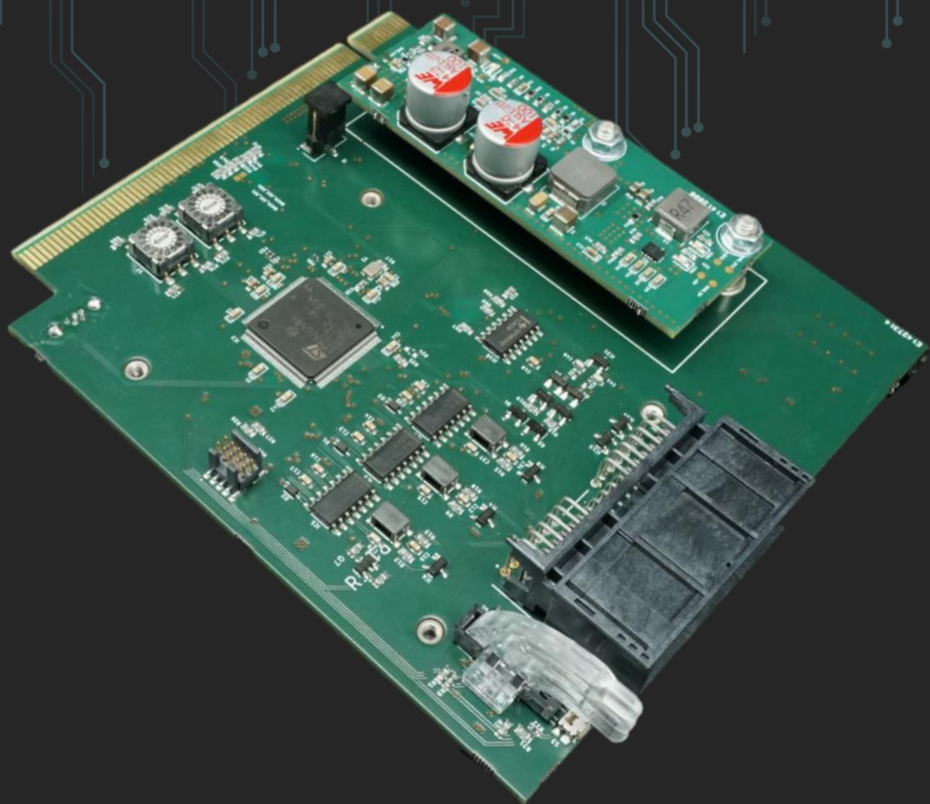
CORE NODE

RASPBERRY PI

CARRIER BOARD WITH INFINITE POSSIBILITIES



INNOVATIVE ELECTRONICS ENGINEERING



WIDE RANGE INPUT VOLTAGE [9-55V]

3x STATUS LED

4x CAN FD

2x LIN

AUTOMOTIVE-GRADE CONNECTOR

ANALOG & DIGITAL I/Os

ZERO

CORE NODE

RASPBERRY PI

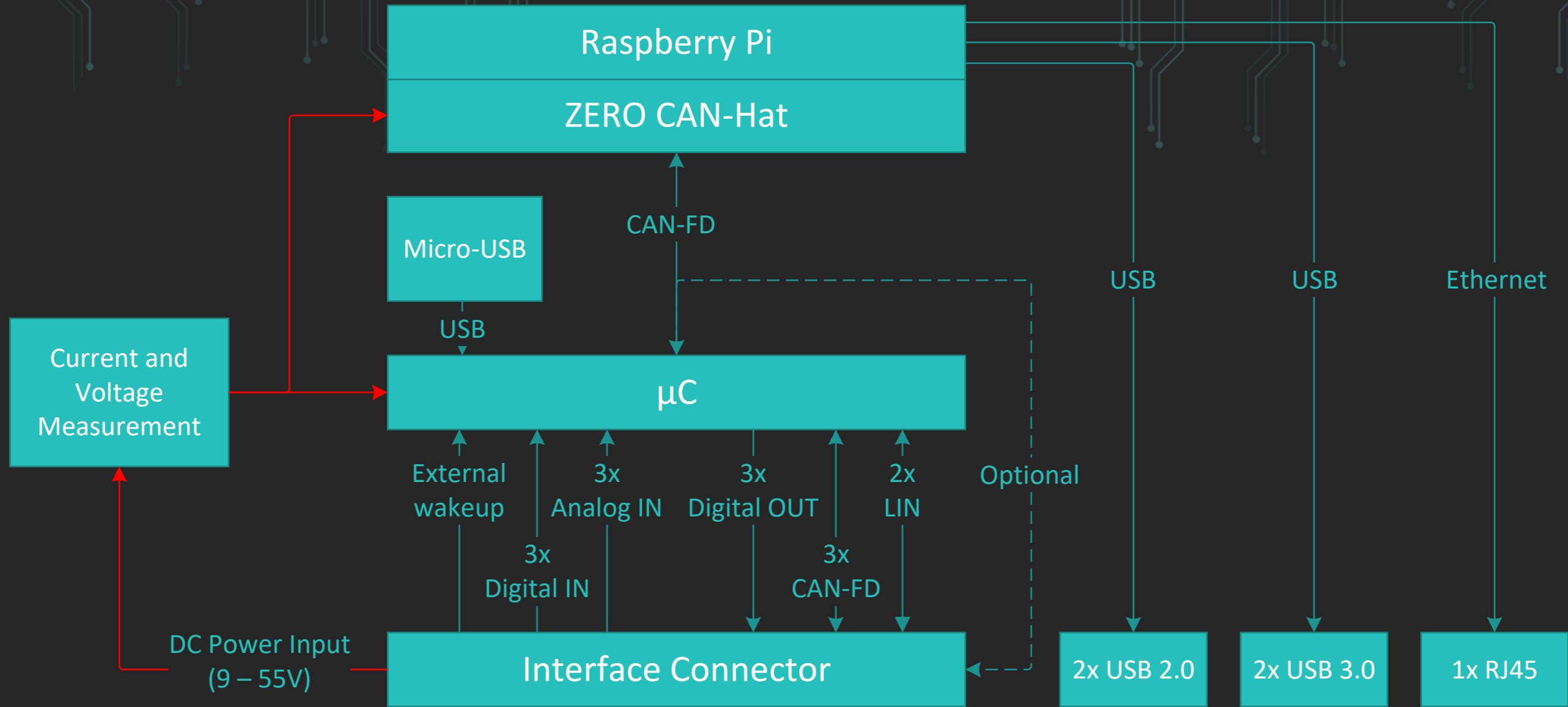


Core Node Raspberry Pi Use Cases

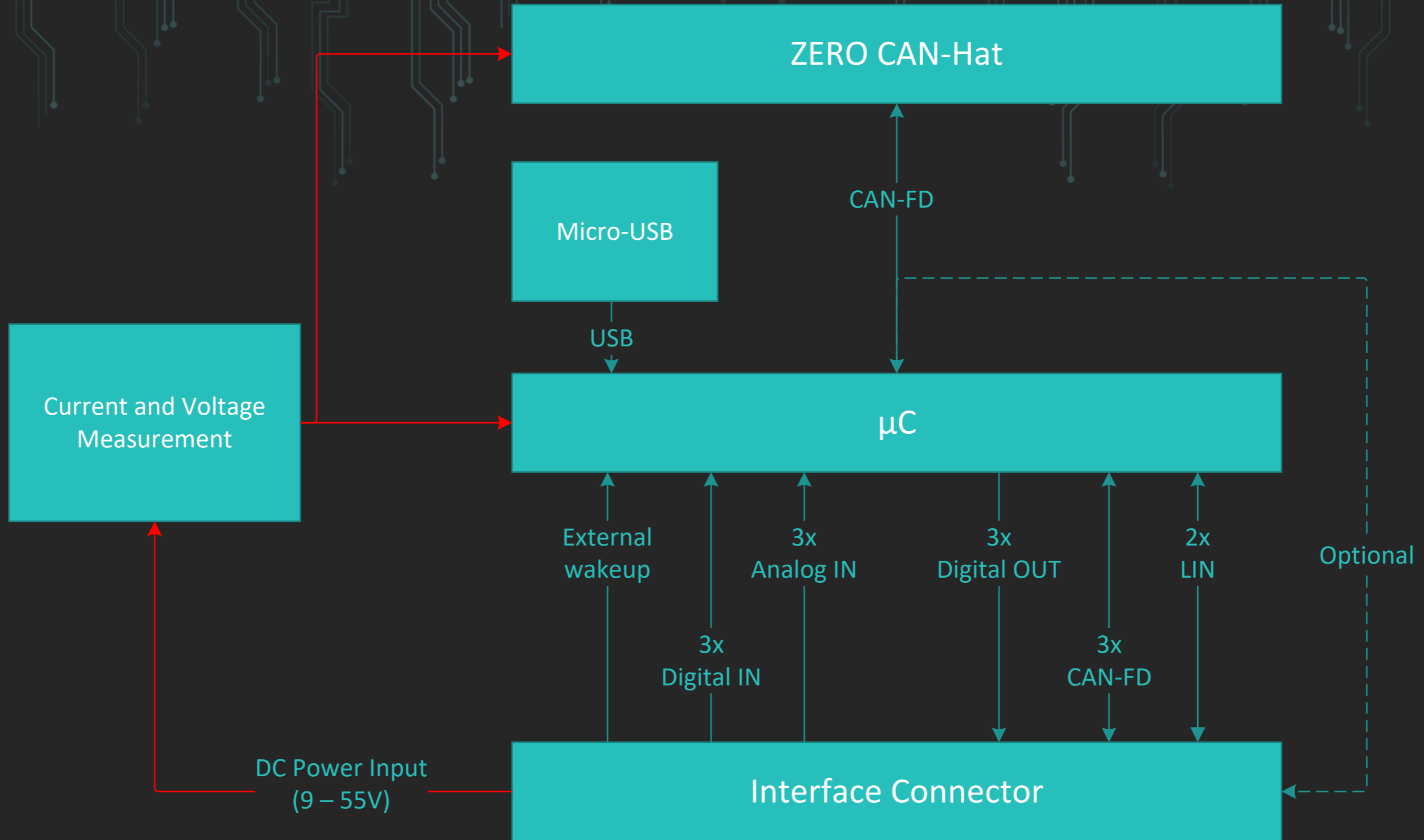
- Master in an AMPS cluster: full access to the features of the other Nodes
- Signage: Output static images and videos in a robust case with flexible power supply
- Electronics Prototyping: Try and verify your ideas; we use this in show cars and automotive prototypes
- Industrial Control and Human-Machine-Interface via CODESYS Control, e.g. to switch relays or control lights
- Automation of test procedures and other repetitive tasks (e.g. movements of vehicular mirrors and windows)
- IoT applications: collect and transmit data from all kinds of sensors (temperature, humidity, weight, voltage, etc.)
- and many more!



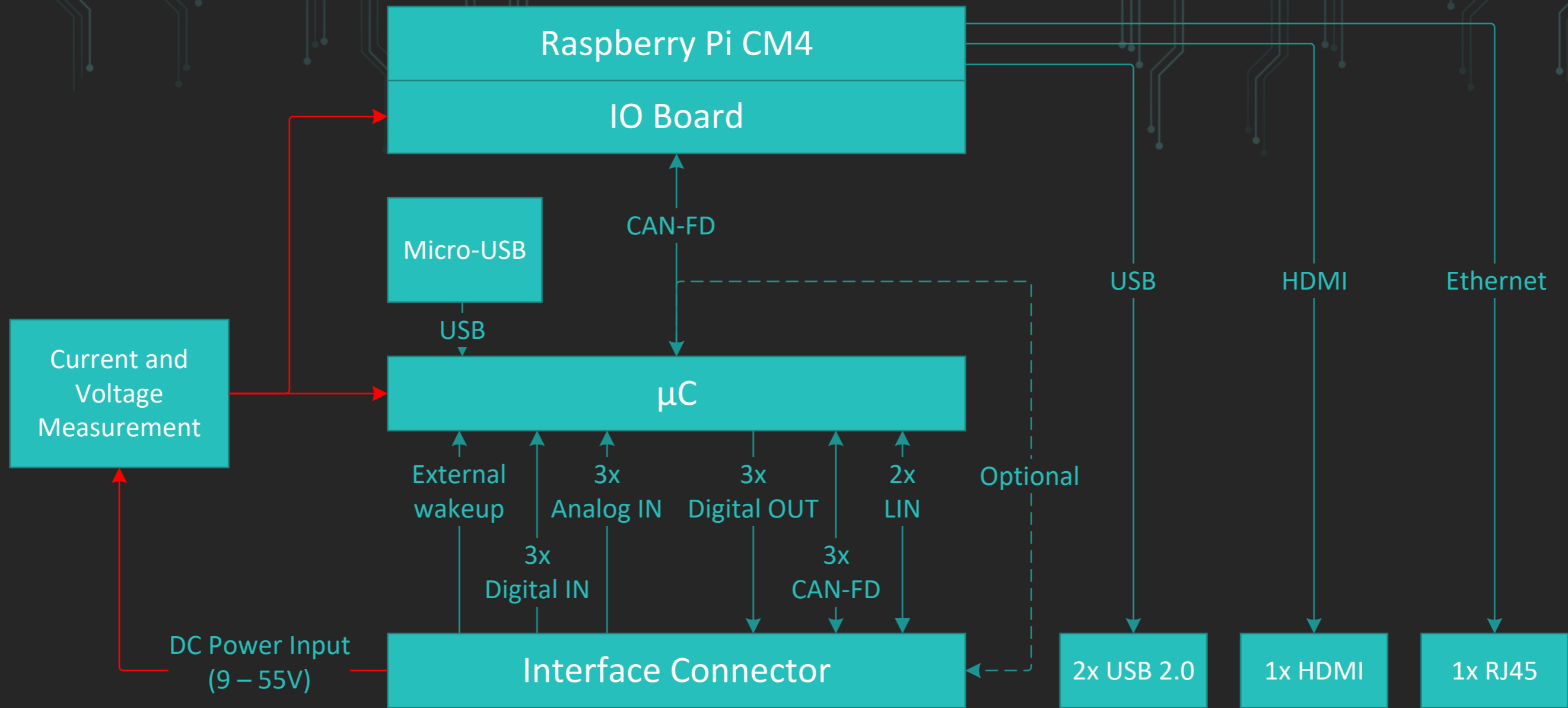
Core Node Raspberry Pi Block Diagram



Core Node Block Diagram



Core Node Raspberry CM4 IO Block Diagram





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Thank you for your interest in the AMPS Core Node Raspberry Pi!
For further information, please visit our website or contact us.

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