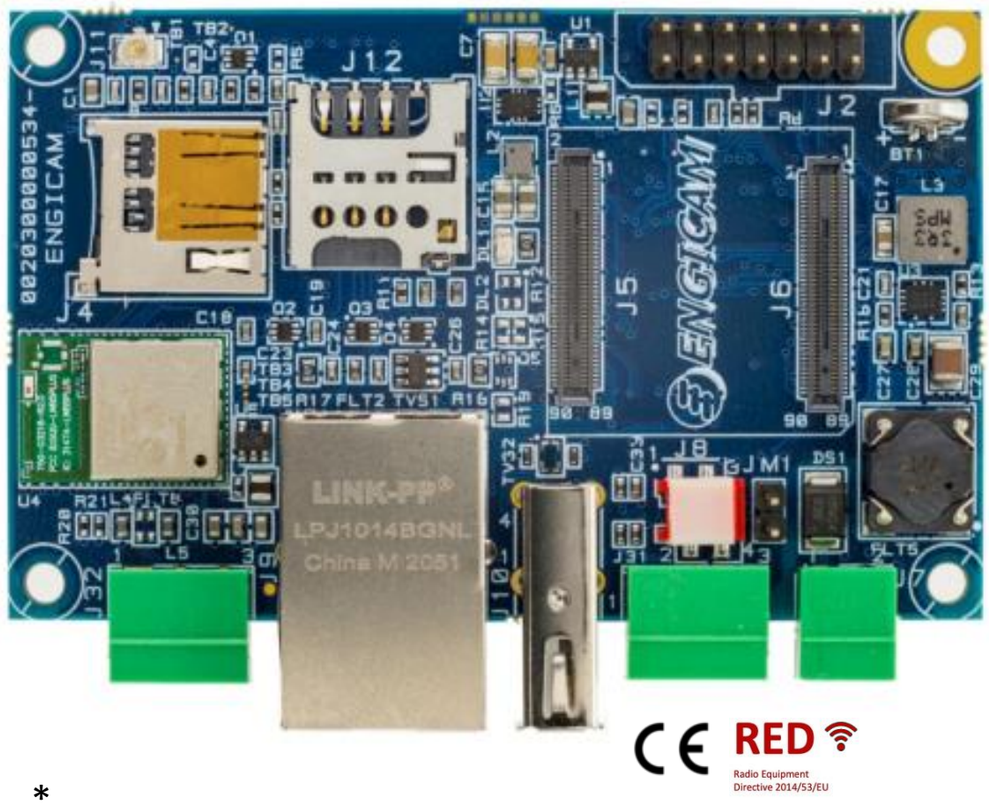
MicroDev 3.0 Carrier Board

A new general-purpose miniature carrier board based on MicroGEA modules. The MicroDev provides global LTE with a Sim connector and WiFi + BT LWB5+.



CE RED
Radio Equipment Directive 2014/53/EU

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SUPPORTED SOMS

- MicroGEA MX6ULL
- MicroGEA MX8ULP
- MicroGEA STM32MP15
- MicroGEA STM32MP13

APPLICATIONS

Industrial · Transportation · Robotics · Biomedical/ Medical devices

FEATURES

yocto PROJECT

NETWORKING	• 1x 10/100 Ethernet Interfaces • WiFi+ BT LWB5+ • Global LTE with sim connector
USB	1 x USB Type A
PERIPHERAL INTERFACES	• 1x microSD • 1x RS485 (or CAN bus optional) • 1x RS232 • 1x RS232 for OS Console

OPERATING SYSTEM	Linux Yocto
EQUIPMENT	Plastic box enclosure (optional)
POWER SUPPLY	+ 7 - 40 VDC
OPERATING TEMPERATURE **	Industrial qualified
DIMENSIONS	80 x 50 mm

* Certified for MicroGea MX6ULL.
** Valid for all components except CPU. Customer shall consider junction temperature for CPU. Temperature will widely depend on application. Specific cooling solutions could be necessary for the final system.

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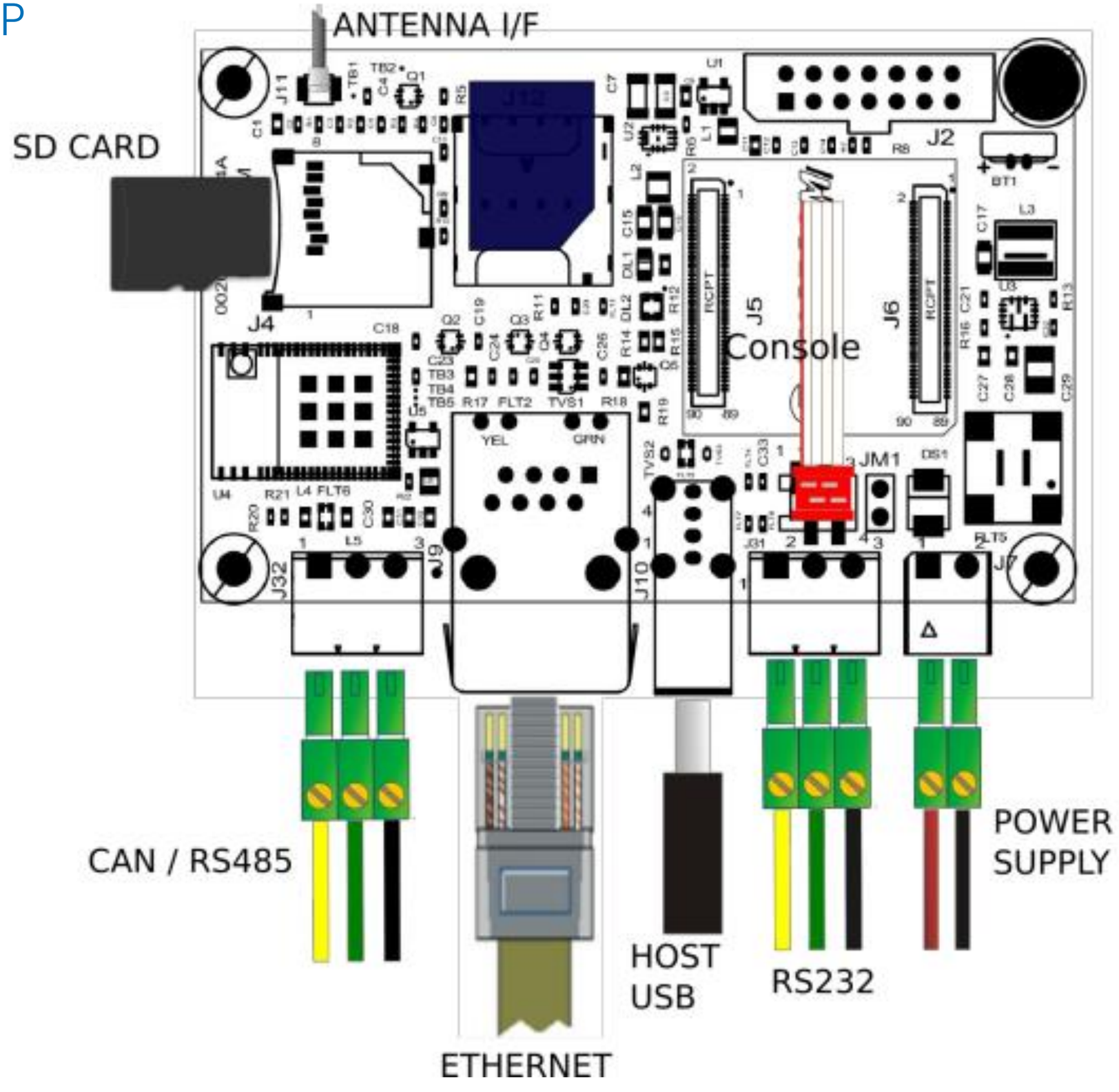
CABLE MAP