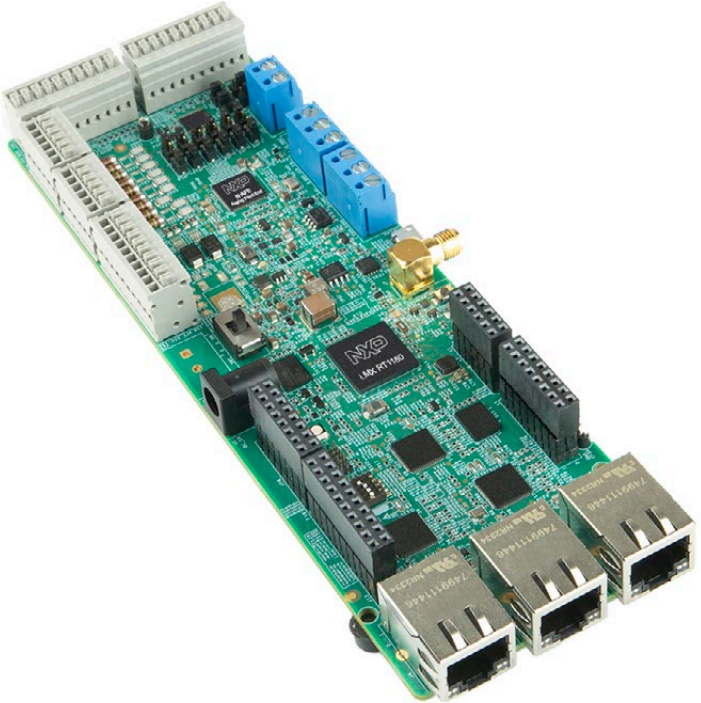
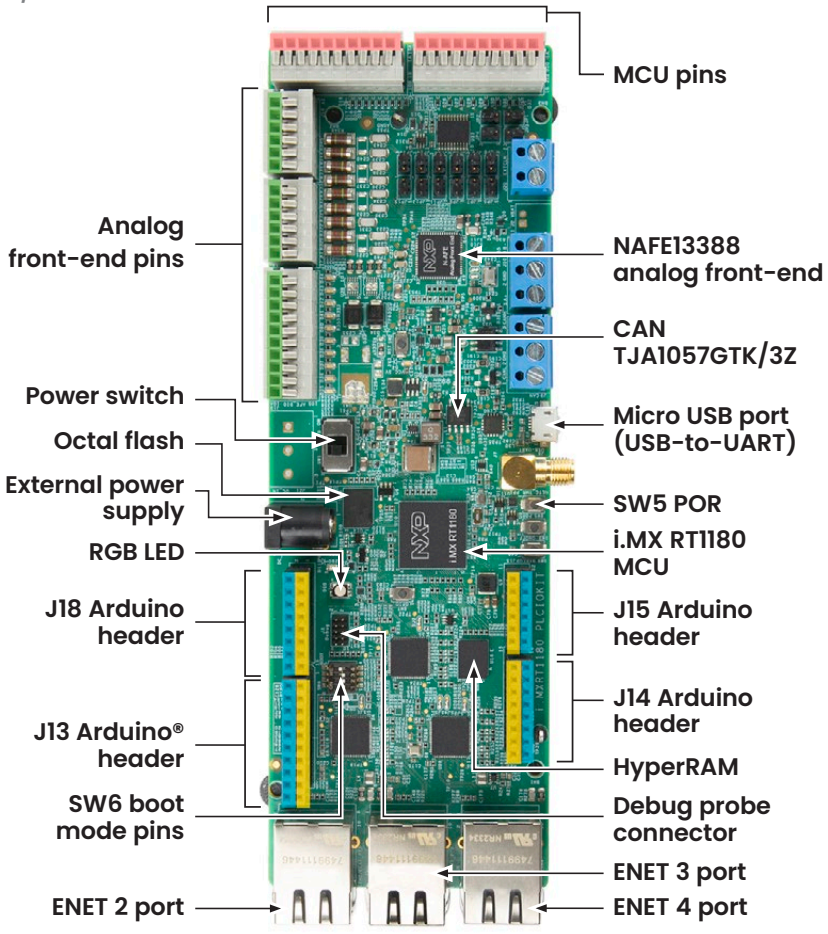
Remote I/O platform





Get to know the Remote I/O platform (RIOP)

NXP's RIOP integrates our i.MX RT1180 crossover MCU and NAFE13388 analog front-end. It's engineered to provide a faster path to market for developers working on remote I/Os and digital and analog I/O modules.

Getting started

1. Connect the RIOP board to a PC using the USB micro cable (included) and an ENET 4 Ethernet cable (not included).
2. The board comes preprogrammed with a FreeMASTER-based demo which enables AFE and IO control over ethernet.

Software

3. Access software and tools through **nxp.com/RIOP** and our application code Hub **mcuxpresso.nxp.com/appcodehub** to browse application code examples from our experts to help kick start your project.

Documentation and help

Get the user guide, board schematics and more at **nxp.com/RIOP**.

Visit the NXP community to ask questions or learn from the shared experiences.

RIOP accelerates industrial automation with modular design, secure connectivity and high-precision data for Industry 4.0 integration and predictive maintenance.

- Arduino header
- FRDM header
- Analog front-end pin header
- MCU pin header

Get started

Download installation software and documentation at **nxp.com/RIOP**

Support

Visit **nxp.com/support** for a list of phone numbers within your region.

Warranty

Visit **nxp.com/warranty** for complete warranty information.

Home page

Visit **nxp.com/RIOP** for more information.

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