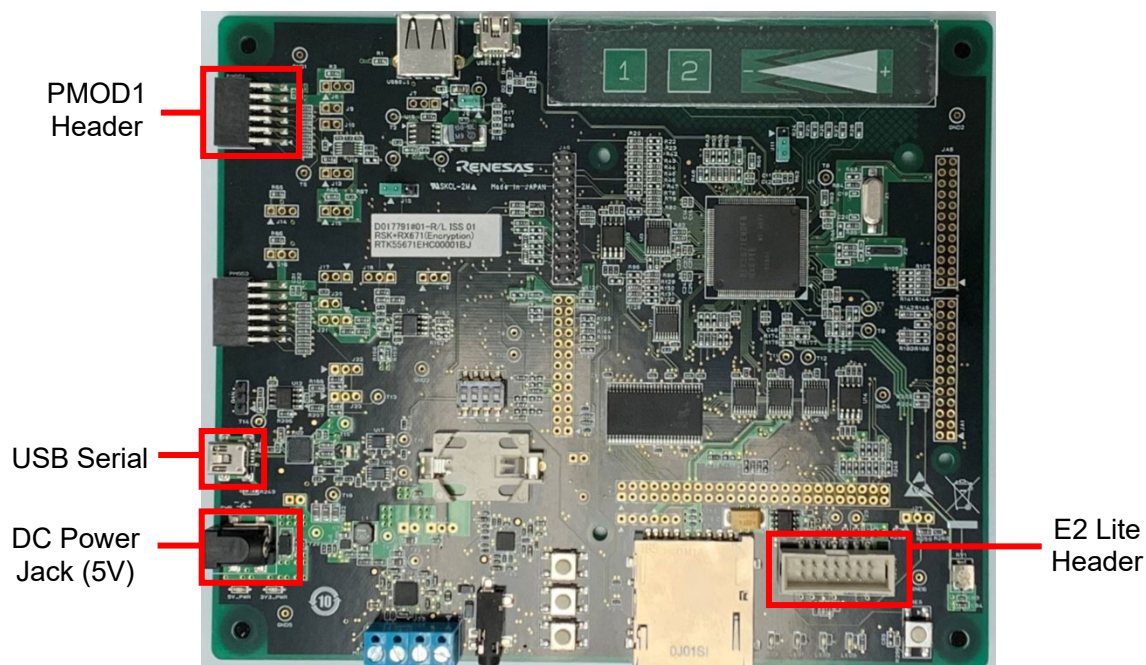


# How to Prepare Renesas Starter Kit for RX671



**Note:** The steps described in this document were correct at the time of this document was created and may have changed at the time of reading.

This document describes the board preparation required to install and run the Azure RTOS sample program on Renesas Starter Kit for RX671. To run the sample program, an optional PMOD-Wi-Fi module is required. Connect the PMOD Wi-Fi module to the PMOD1 connector on the board and prepare the following items to run the sample program.

1. Fit a link resistor to R362 and R364.
2. Connect directly JA6-9pin to PMOD1-IO9 and JA6-12pin to PMOD1-IO10.
3. Connect the PMOD Wi-Fi module to the PMOD1 connector.

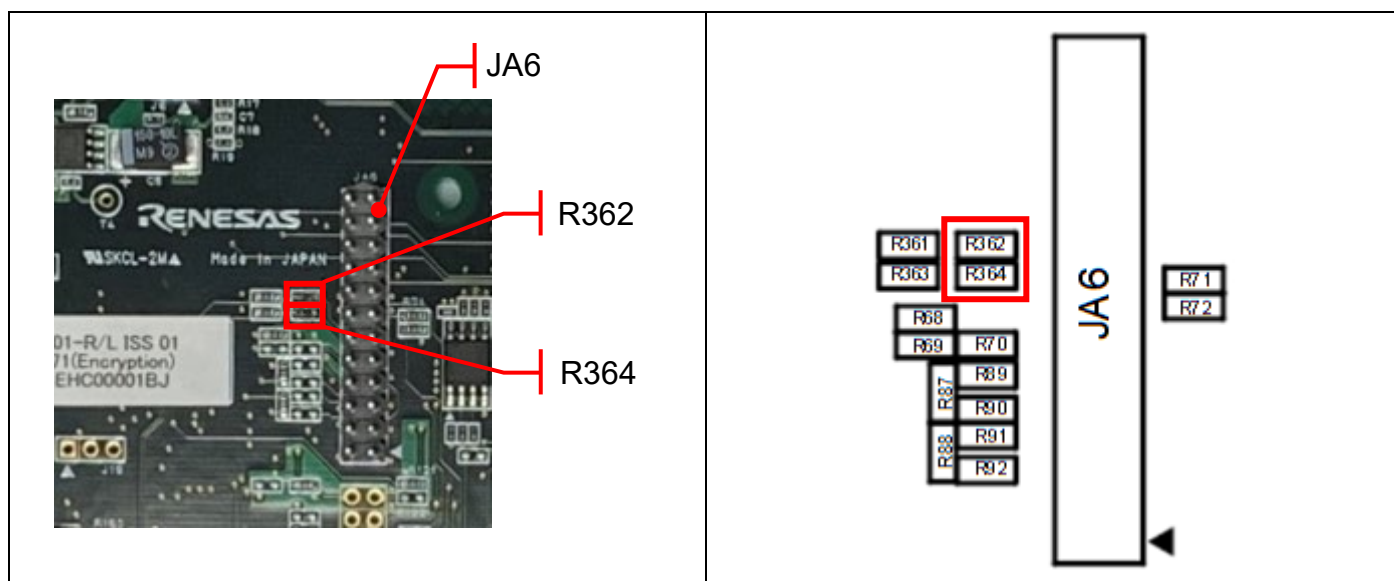
When soldering components, always ensure that the CPU board is not exposed to a soldering iron for intervals greater than 5 seconds. This is to avoid damage to nearby components mounted on the board.

Refer to the RX671 Group Renesas Starter Kit+ for RX671 User's Manual and schematics for details on modifying the board.

## 1. Fit a link resistor to R362 and R364.

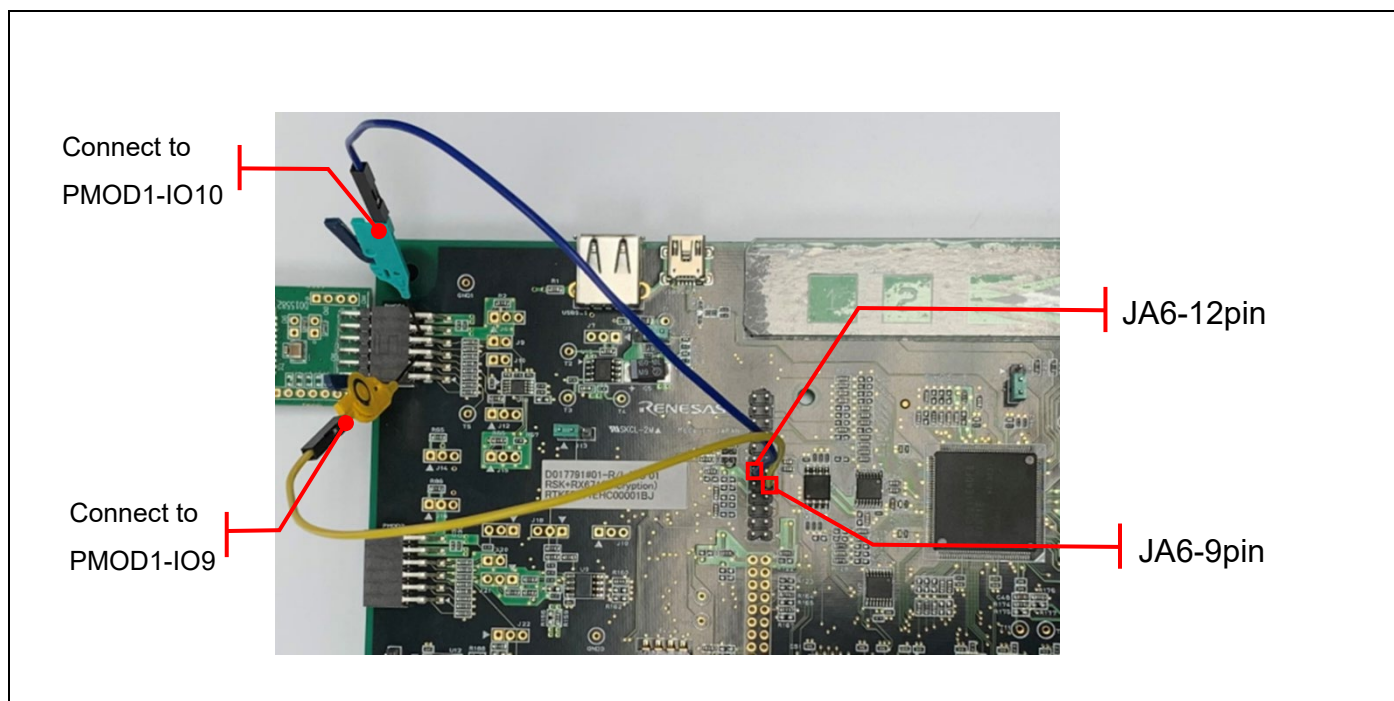
A link resistor is a  $0\Omega$  surface mount resistor, which is used to short or isolate parts of a circuit.

Fit a link resistor to R362 and R364 as below.

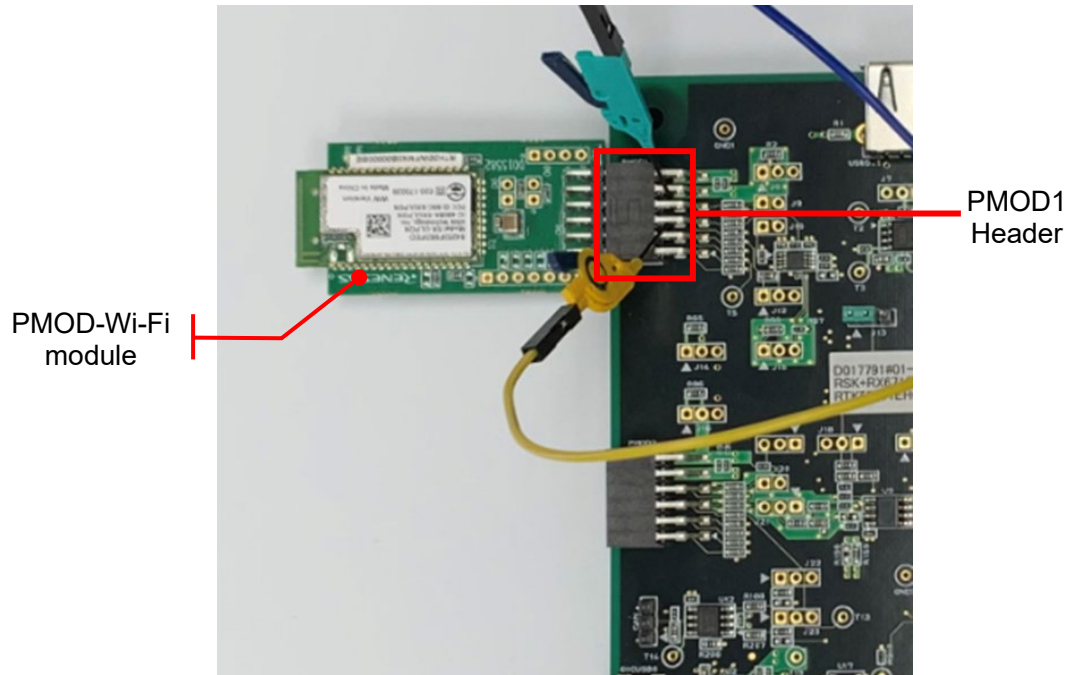


## 2. Connect directly JA6-9pin to PMOD1-IO9 and JA6-12pin to PMOD1-IO10.

JA6-9pin (JA6-TXDc:P77) and JA6-12pin (JA6-RXDc:P76) are special assignments for connecting with Renesas Silex WiFi Pmod. Connect directly to each pin as below.



### 3. Connect the PMOD Wi-Fi module to the PMOD1 connector.



## Support

Online technical support and information is available at: <https://en-support.renesas.com/dashboard>

Technical Contact Details: <https://www.renesas.com/us/en/support/contact.html>

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