

MultiZone[®] Secure IoT Firmware Quick Start Guide



Hardware Setup



USB J11



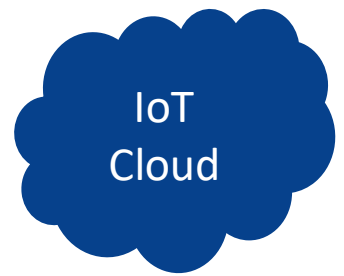
USB J6



J10 USB 5V



J5 Ethernet



Jumper	Configuration	Description
J7	pins 2-3	USB Peripheral mode (not default)
J8	pins 1-2	On-board debugger (normal operation)
J9	open	On-board debugger (normal operation)
J12	pins 1-2	USB Host mode (not default)
J15	open	USB Host mode (not default)
J16	open	MCU boot mode
J29	all close	JTAG

Notes: J7, J12, and J15 must be positioned by the user as these are NOT default settings
 J10 can be connected to a USB hub or to the PC if a 2nd USB port is available
 J5 can be connected to the PC if Internet Connection Sharing is enabled (Wi-Fi)
 The USB robot on J11 is optional

Software Setup

- Download the e² Studio IDE with FSP 1.1.0 from https://github.com/renesas/fsp/releases/download/v1.1.0/setup_fsp_v1_1_0_e2s_v7_8_0.exe
- Download the MultiZone IoT Firmware project from <https://www.renesas.com/eu/en/products/microcontrollers-microprocessors/ra/ra-partners/hex-five-multizone-iot-firmware.html>
- Import and build the MultiZone IoT Firmware project
- Upload the firmware to the board via J10
- Connect the PC to J6 and start a serial terminal 115200-8-N-1
- Hit the enter key a few times to bring up the local console

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                Hex Five MultiZone® Security
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only. As such, use of this software is governed by the Evaluation
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Implementer: 0x41, Arm.
Variant      : 0x0, Revision 0.
PartNo       : 0xC24, Cortex-M4.
Revision     : 0x1, Patch 1.

Z2 >
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