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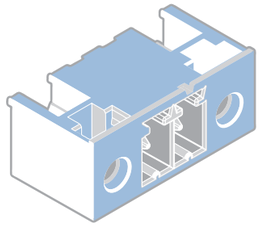
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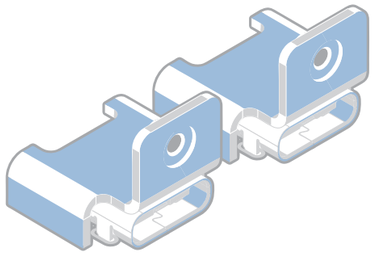
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Quick Reference Guide
sbRIO-9629



Connect to Power

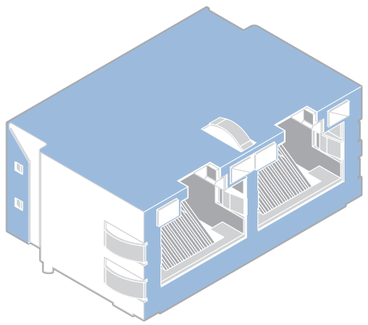
1. Ensure that your power supply is powered off.
2. Insert the power connector plug into the power connector receptacle of the sbRIO-9629 until the connector latches into place.
3. Turn on the power supply.



Connect to the Host Computer via USB

1. Power on the host computer.
2. Connect the USB Type-C 2.0 device port of the sbRIO-9629 to the host computer using a Type-C to Type-A USB cable.

OR



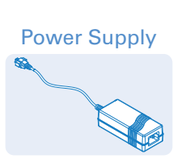
Connect to the Host Computer via Ethernet

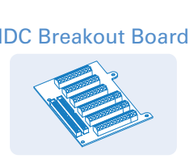
1. Power on the host computer.
2. Connect the sbRIO-9629 to the host computer using a standard Category 5 (CAT-5) or better shielded, twisted-pair Ethernet cable.

Kit Contents



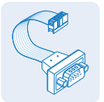






















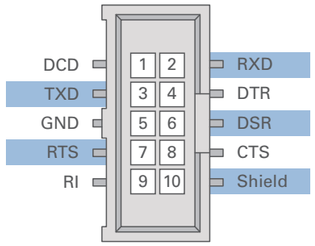
For a complete list of resources go to the following URL: ni.com/r/sbrio

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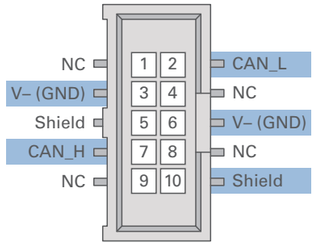
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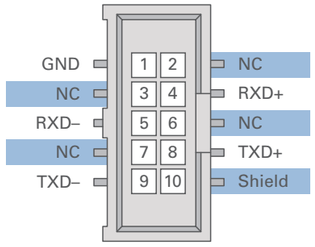
RS-232 Pinout (ASRL1, ASRL2)



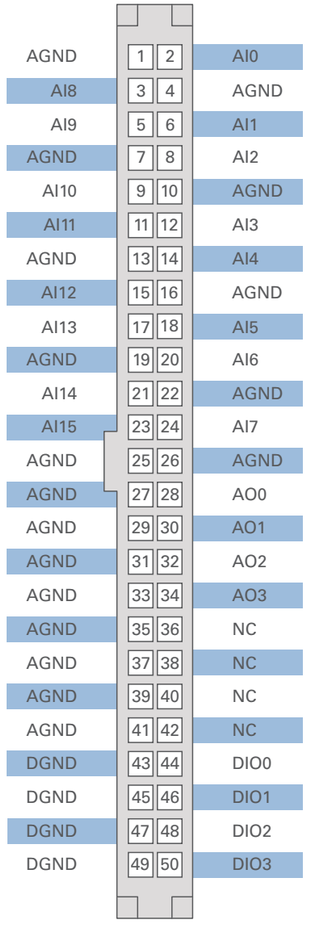
CAN Pinout



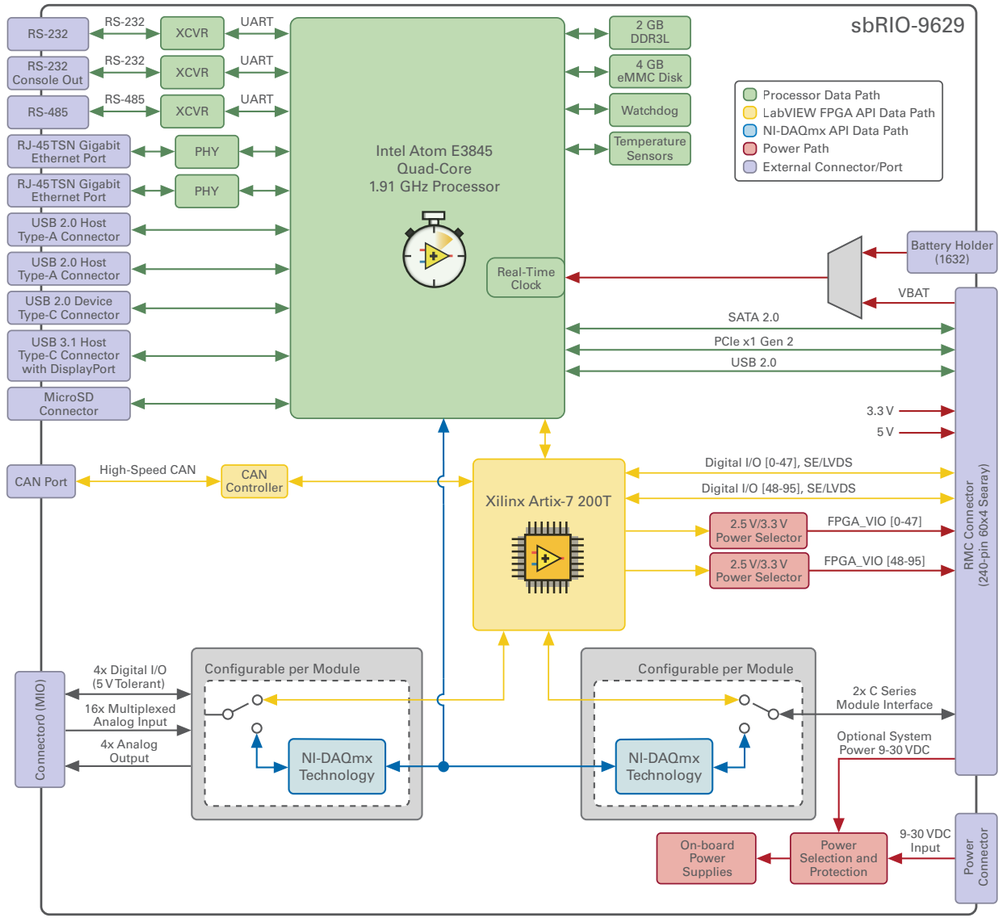
RS-485 (ASRL3) Pinout



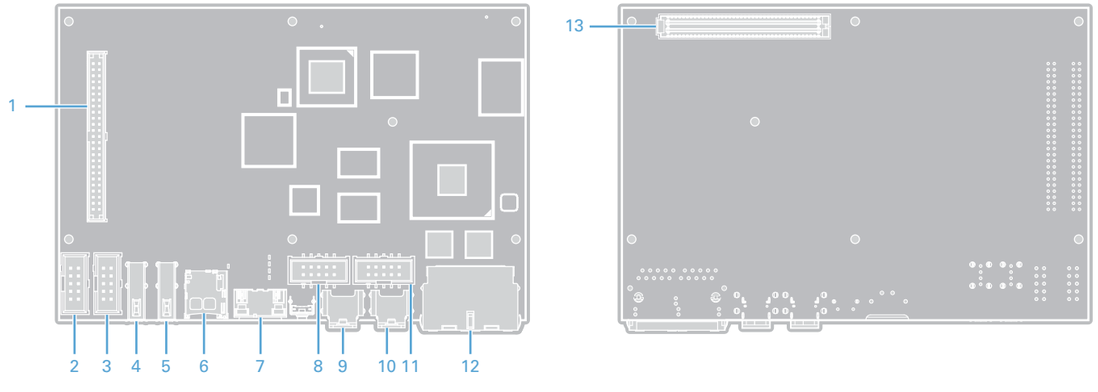
Connector0 (MIO port) Pinout



sbRIO-9629 Block Diagram

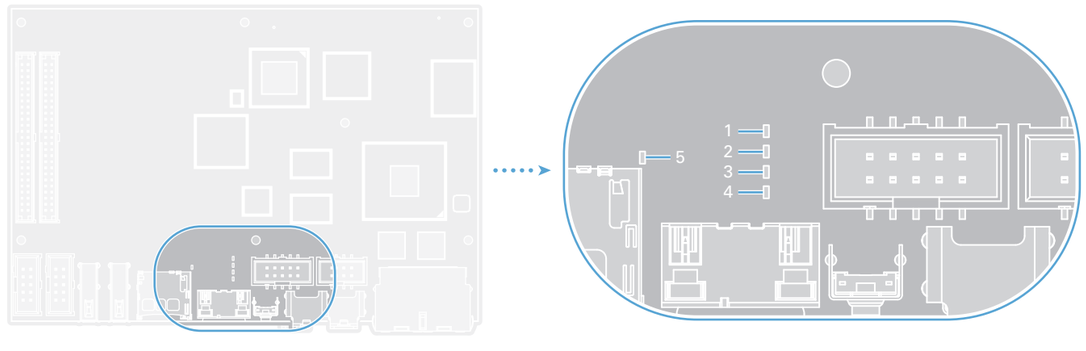


sbRIO-9629 Parts Locator Diagram



1. Connector0 (MIO Port)
2. RS-485 port (ASRL3)
3. RS-232 port (ASRL2)
4. USB Type-A 2.0 host port
5. USB Type-A 2.0 host port
6. MicroSD port
7. Power terminal
8. CAN port
9. USB Type-C 2.0 device port
10. USB Type C 3.1 host port
11. RS-232 serial port (ASRL1)
12. Ethernet ports
13. RMC Connector

sbRIO-9629 LEDs



1. Power LED
2. Status LED
3. User1 LED
4. User FPGA1 LED
5. SD in Use LED

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