#### **COMPREHENSIVE SERVICES**

We offer competitive repair and calibration services, as well as easily accessible documentation and free downloadable resources.

# SELL YOUR SURPLUS

We buy new, used, decommissioned, and surplus parts from every NI series. We work out the best solution to suit your individual needs. We Sell For Cash We Get Credit We Receive a Trade-In Deal

**OBSOLETE NI HARDWARE IN STOCK & READY TO SHIP** 

We stock New, New Surplus, Refurbished, and Reconditioned NI Hardware.

APEX WAVES

**Bridging the gap** between the manufacturer and your legacy test system.

1-800-915-6216
www.apexwaves.com
sales@apexwaves.com

 $\bigtriangledown$ 

All trademarks, brands, and brand names are the property of their respective owners.

Request a Quote Sclick HERE SbRIO-9603



# 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-9603 until the connector latches into place.
- 3. Turn on the power supply.



### Connect to the Network

1. Power on the host computer.

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



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

Information is subject to change without notice. Refer to the *NI Trademarks and Logo Guidelines* at ni.com/trademarks for more information on NI trademarks. Other product and company names mentioned herein are trademarks or trade names of their respective companies. For patents covering NI products/ technology, refer to the appropriate location: Help»Patents in your software, the patents.txt file on your media, or the *National Instruments Patents Notice* at ni.com/patents. You can find information about end-user license agreements (EULAs) and third-party legal notices in the readme file for your NI product. Refer to the *Export Compliance Information* at ni.com/legal/export-compliance for the NI global trade compliance policy and how to obtain relevant HTS codes, ECCNs, and other import/export data. NI MAKES NO EXPRESS OR IMPLIED WARRANTIES AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN AND SHALL NOT BE LIABLE FOR ANY ERRORS. U.S. Government Customers: The data contained in this manual was developed at private expense and is subject to the applicable limited rights and restricted data rights as set forth in FAR 52.227-1014, DFAR 252.227-7014, and DFAR 252.227-7015.

# Quick Reference Guide sbRIO-9603



# sbRIO-9603 Block Diagram



# sbRIO-9603 Parts Locator Diagram

J4 RS 232 Pinout

1 2

3 4

5 6

7 8

9 10

**J3 CAN Pinout** 

1 2

3 4

5 6

7 8

9 10

🗆 RXD

CTS

DSR

□ Shield

CAN1\_L

□ V– (GND)

⊐ Shield

NC

DCD

TXD 🗖

GND 🗉

RTS □

RI 📼

NC 🗖

NC

V– (GND) 🗖

CAN1\_H

Shield ■





1. Power terminal 2. J3 CAN port 3. USB Type-C 2.0 device port 4. USB Type-C 3.1 host port

5. J4 RS-232 serial port with Console Out 6. RJ-45 Gigabit Ethernet ports

7. RMC connector

sbRIO-9603 LEDs



1. Power LED 2. Status LED 3. User1 LED 4. User FPGA1 LED



