



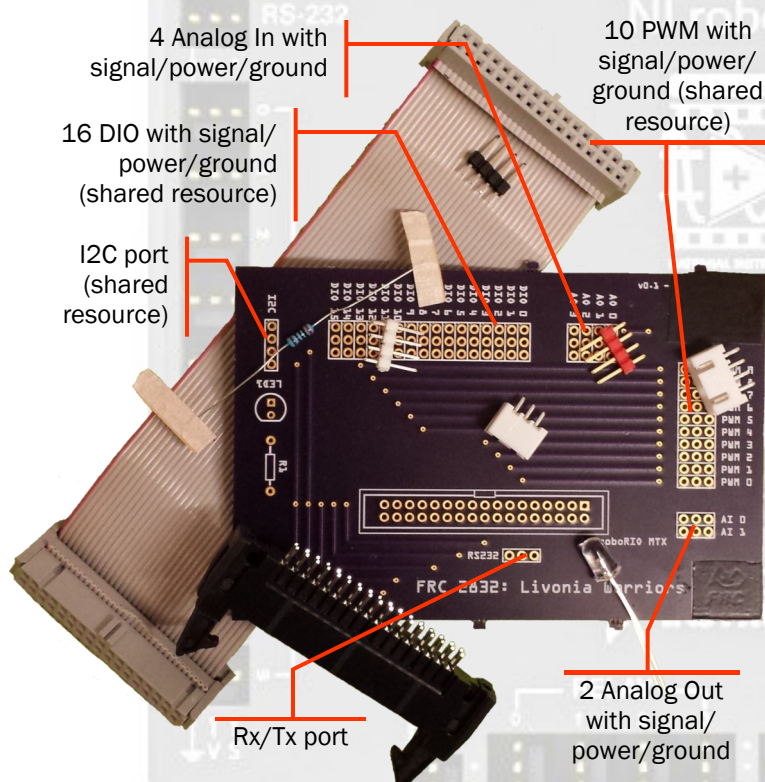
# Livonia Warriors



## Order a roboRIO Break-Out Board!

Get the extended functionality of the NI roboRIO controller's MXP Port with this break-out board, which fits snugly on the roboRIO.

As a beta-tester for the 2015 NI roboRIO controller, the Livonia Warriors (FRC Team 2832) wanted easy access to the MXP (Custom Electronics) port provided for GPIO. One of our mentors designed a custom board to fit on the roboRIO between the MXP port and Ethernet/USB connectors. The board connects to the roboRIO's MXP port with a ribbon cable. **After successfully beta-testing the roboRIO and LabVIEW software with this break-out board in off-season competition at the Great Lakes Bay Bot Bash (finishing first in the qualifying rounds), the Livonia Warriors are offering this board to other FRC teams.**



### Two packages are available:

#### **Kit ..... \$50**

Break-out PCB, 5" 34-pin ribbon cable, 2 34-pin cable connectors, 1 resistor, 1 34-pin guarded connector, 1 4-pin guarded header, 1 3-pin guarded header, 3 40-pin breakaway header strips, 1 green LED, 1 resistor, instructions

#### **Full Assembly (limited availability) ..... \$100**

Everything in above kit, assembled by Team 2832

### Order Your Board Today!

A very limited number of kits will be available at the roboRIO Beta-Test Open House (hosted by the Livonia Warriors) on November 8. A \$50 payable to Livonia Public Schools will allow 5 teams to take one home.

**All orders must be placed by November 15 by registering at: <http://goo.gl/6wPTQv>**

(When fully assembled boards are no longer available, the only option presented will be for kits.)

Orders to be shipped (to U.S. addresses only) should **include shipping of \$7** (for 1 or 2 boards) with checks payable to Livonia Public Schools to the address below. Full assemblies will be mailed by Dec. 15, kits will be mailed by Dec. 22.

## LIVONIA WARRIORS, FRC TEAM 2832

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