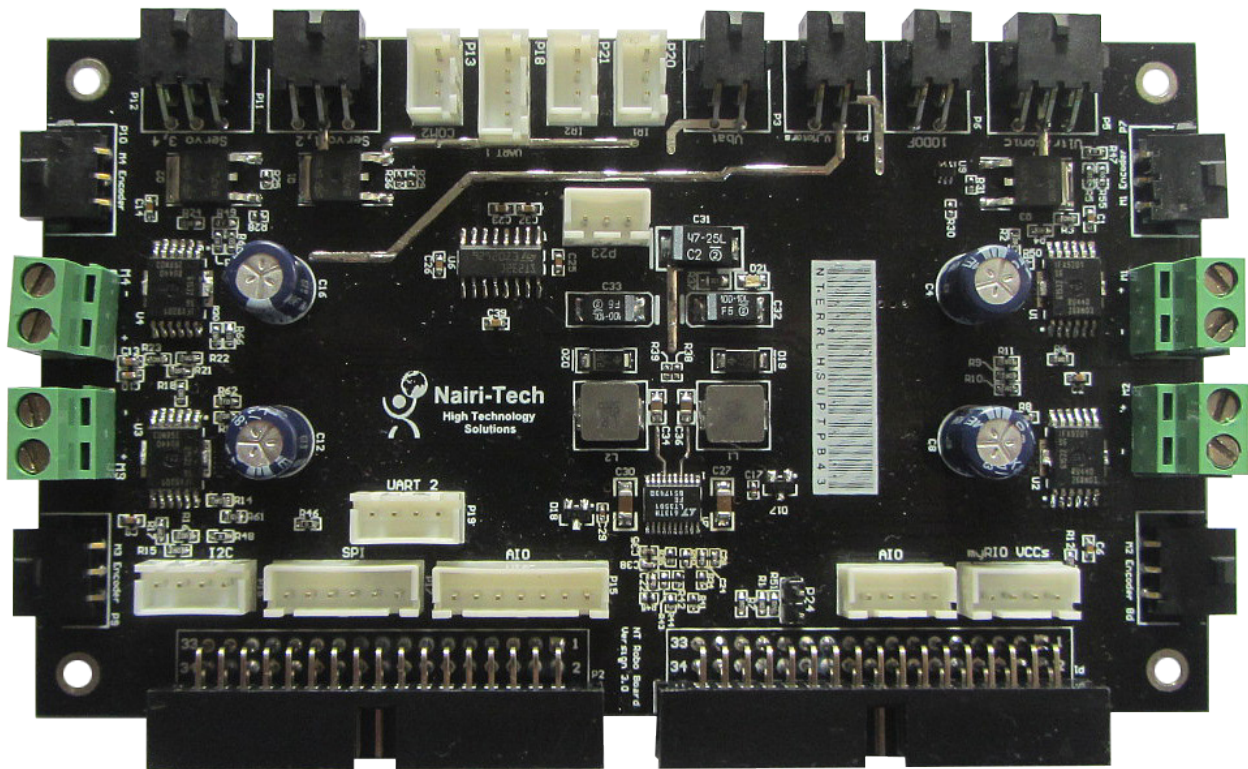


NT-ROBO-7001 Universal Board

Overview

The universal board is intended to use with NI myRIO controller for using in wide range of areas like robotics applications, motors control, etc.

The board has inputs for encoders, ultrasonic sensor, infrared sensor, microelectromechanical (MEMS) sensors with 10 degree of freedom (DOF), output for DC motors, servomotors, etc.



Features

- 4 inputs for encoders connection
- 4 outputs for DC motors control
- 4 outputs for connection to servomotors
- 1 input for ultrasonic range sensor connection
- 3 RS-232 serial ports
- 1 input for microelectromechanical sensors (10 DOF) module connection
- 4 digital I/O
- 2 infrared distance sensors inputs
- 8 analog inputs
- 4 analog outputs
- I2C interface
- SPI interface

Board connectors distribution

