Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

ARX-WRL

Advanced Wireless Kit
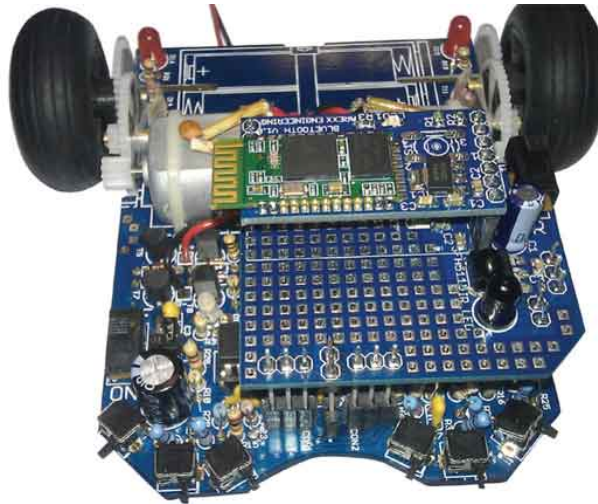
WRL Capabilities:

Read and transfer data to and from a PC or Android phone

Cruise around via Android phone control

ARX with BT3

Overview:

This very complete "wireless" radio set enables you to install an APC-220 or a Bluetooth®* compatible module on the ARX or AAR Arduino robots. With this module you can not only communicate via an infrared link with your robot but also via RF waves. The advantage of RF high frequency waves is that the transmitter and the receiver do not need to be in visual contact. Learn all about wireless communication with this wireless kit.

BT3 Module Features:

- Bluetooth®* Compatibility
- Max 15 Meter (Transmit Class 2)
- 1200 to 115200 baud
- QFSK Modulation
- Auto Reconnect
- Sensitivity: 80 dBm
- 1.8V - 3.6V I/O Voltage
- 3.15 - 3.3V Supply Voltage
- 2.4 GHz On-Board Antenna

BLUETOOTH IS A REGISTERED TRADEMARK OF BLUETOOTH, SIG.

ARX-WRL CD

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ARX-WRL

ARX with APC-220

ARX-WRL comes with the following items:

ARX Wireless Kit

RP6V2 USB Program Adapter

2 pcs. APC-220 Module

2 pcs. Bluetooth® Compatible Module (master and slave)

CD

APC-220 Module Features:

- Max. 120 Meter @1200 baud
- 1200 to 57600 baud (UART)
- 1200 to 19200 baud (AIR)
- QFSK Modulation
- UART/TTL Interface
- 256 Bytes Data Buffer
- Embedded Watchdog
- 3.3V - 5.5V/ 25-35 mA
- 418.00 to 455.00 MHz

Complete ARX-WRL Kit

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