



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!



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ULTRA LOW POWER WIRELESS SOLUTIONS

nRFready R/C Racing

Remote controlled toy reference design

Active

Replacement products

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Description

The nRFready R/C racing is a complete reference design that enables innovative toy manufactures to take mass-market remote controlled toys to the next level with advanced game-play features that leverage Nordic's low cost 2.4GHz RF solutions. The reference design kit includes 2 cars, 2 controllers, 4 waypoints (that allow end users to set up free-form racing tracks), a USB dongle, and the R/C Racing Studio PC software.

The cars are based on the Nordic nRF24LE1 System-on-Chip and feature built-in crash sensors, continuous steering/throttle, and headlights. The controllers are also based on the nRF24LE1 and feature rumpers to indicate car crashes, battery level indicators, and headlight controls.

Features

- Complete reference design for 2.4GHz RF remote controlled toys
- Set-up a free-form racing track using the waypoints
- Race against more than one friend without the hassle of changing physical crystals in cars and controllers
- Based on the Nordic Gazell protocol enabling excellent co-existence performance, low latency, best-in-class battery lifetime, and long range
- Includes full source code and hardware design files

Content

- 2x cars
- 2x controllers
- 4x waypoints
- USB dongle
- CD with software and documentation

Supported products/complementary

Product	Brief description
nRF24LE1	2.4GHz RF System-on-Chip with Flash
nRF24LE1 OTP	2.4GHz RF System-on-Chip with OTP
nRF24LU1+	2.4GHz RF System-on-Chip with Flash and USB
nRF24LU1+ OTP	2.4GHz RF System-on-Chip with OTP and USB

Ordering codes

Code	Description
nRF6909	nRFready R/C Racing

Tags

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