



Home / Products / 2.4GHz RF / nRFready R/C Racing

PRODUCTS

BLUETOOTH LOW ENERGY

ANT™

2.4GHZ RF

SUB 1-GHZ RF

NORDIC MOBILE APPS

3RD PARTY BLUETOOTH LOW ENERGY MODULES

3RD PARTY DEVELOPMENT BOARDS, DK-PLUGIN CARDS AND ARDUINO BOARDS



PRODUCT UPDATE NOTIFICATIONS



DOCUMENTATION
Visit the infocenter to access all technical documentation



NORDIC DEVELOPER ZONE
ask questions, share info, and be inspired!

nRFready R/C Racing

Remote controlled toy reference design
Active

Replacement products

Get product updates

OVERVIEWDOWNLOADS

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 rumblers 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

ShareThis

Printer friendly version



RF specialist in ultra-low power
short-range wireless
communication

- > Documentation
- > Career
- > News
- > Events
- > ULP Wireless Quarter

- > Contact us
- > Press Contacts
- > Investors
- > Support & Community
- > Privacy Policy
- > Buy Online

DISTRIBUTOR

Find your nearest distributor

Country

