

# Quick Start Guide FRDM-KW36



FREEDOM DEVELOPMENT PLATFORM

# **Quick Start Guide**

## GET TO KNOW THE FRDM-KW36

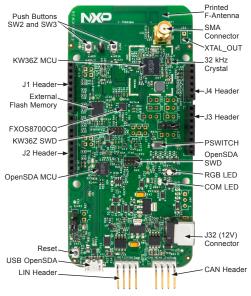






Figure 2: FRDM-KW36 Board Connections

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## HOW TO GET STARTED

 Connect the FRDM-KW36 board to a PC using the included micro-USB cable to the USB OpenSDA connector of the FRDM-KW36.



- Your FRDM-KW36 RGB LED should start cycling through the colors White, Magenta, Blue, Cyan, Green, Yellow and Red when you connect the board.
- Using a smartphone supporting Bluetooth<sup>®</sup> Low Energy (Bluetooth LE), install and open the NXP IoT Toolbox mobile application, available in Google Play or AppStore. Open the "Beacons" demo and the FRDM-KW36 Beacon will be displayed.
- Explore more out-of-box demos and download software and tools at www.nxp.com/FRDM-KW36/startnow.
- 5. Enjoy your design freedom with the FRDM-KW36.



# SUPPORT

Visit **www.nxp.com/support** for a list of phone numbers within your region.

### WARRANTY

Visit **www.nxp.com/warranty** for complete warranty information.

Get Started Download installation software and documentation under "Jump Start Your Design" at www.nxp.com/FRDM-KW36.

The following information is provided per Article 10.8 of the Radio Equipment Directive 2014/53/EU:

(a) Frequency bands in which the equipment operates.

(b) The maximum RF power transmitted.

PN	<b>RF</b> Technology	(a) Freq Ranges (EU)	(b) Max Transmitted Power
FRDM-KW36	Bluetooth LE	2360 MHz – 2483 MHz	3.5 dBm

#### EUROPEAN DECLARATION OF CONFORMITY

#### (Simplified DoC per Article 10.9 of the Radio Equipment Directive 2014/53/EU)

This apparatus, namely FRDM-KW36 Freedom Development Platform, conforms to the Radio Equipment Directive 2014/53/EU.

The full EU Declaration of Conformity for this apparatus can be found at this location: www.nxp.com/FRDM-KW36

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