

15-May-14

To whomsoever it may concern

Product Application

This document explains the nature of intended application of the product mentioned below.

Product name: SAMR21-XPRO

Product Model: A09-2127

FCC ID: VW4A092127


Product Application:

The Atmel® SAM R21 Xplained Pro evaluation kit is a hardware platform to evaluate the ATSAMR21G18A microcontroller.

ATSAMR21G18A has bidirectional 100 ohm differential antenna pins, which are fed through a balun to create a single 50 ohm unbalanced output/input. It has a passive analog RF switch connected to the unbalanced output of the balun. It has two antennas; one is the chip antenna and the SMA connector for external antennas.

The system is designed standard-based applications such as ZigBee/IEEE 802.15.4, ZigBee RF4CE, and 6LoWPAN, as well as high data rate ISM applications.

Sincerely,



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