



Date: Feb 19, 2020

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD-21046

Professional Installation Justification

Reference KDB 353028 D01, sections II.A.2.c iii) The applicant should address the following items when justifying professional installation

- (1) To qualify for professional installation, the applicant must explain why the hardware is not readily available to average consumer.
 - Microchip's SAM R34 Xplained Pro Evaluation Kit is a hardware platform used to evaluate the ATSAMR34 Low Power Sub-GHz SiP. The kit provides easy access to the features of the ATSAMR34 SiP device and explains how to integrate the device in a custom design.
 - The kit is not a finished product, nor is intended for incorporation into a Finished product that is made available commercially as single function unit to end users.
- (2) Marketing—Device cannot be sold via retail to the general public or by mail order; it must be sold to authorized dealers or installers only.
 - The product is an evaluation kit and not a finished product. It is not directly marketed or sold to general public through retail; it is only sold through authorized distributors or through Microchip.
- (3) Explain what is unique, sophisticated, complex, or specialized about the equipment that **REQUIRES** it to be installed by a professional installer?
 - Using it requires a significant engineering expertise towards understanding of the tools and relevant technology which can be expected only from a person who is Professionally trained in the technology.

Sincerely

Steve Caldwell
Vice President
Wireless Solutions Group WSG
Microchip Technology Inc.