Product Change Notification PCN.2012.06.05.1

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1. Introduction

This document announces the migration of the WL250N USB WiFi stick from V1.0A to V2.0A. Detailed information about the affected product numbers, the transition schedule and the replacement products is provided below.

2. Affected Toradex Product Numbers

EOL Products		Replacement Products	
Part Number	Product Name	Part Number	Product Name
21021000	Ambicom WL250N USB WiFi V1.0A	21022000	WL250N USB WiFi V2.0A

3. Product Phase out / Phase in Schedule

Supplies of the discontinued WL250N are limited. All orders will be filled on a first-come, first-served basis until further supplies cannot be sourced and our inventory is depleted. **Thereafter no orders for the discontinued V1.0A products will be accepted.**

EOL Products		Replacement Products	
Part Number	Estimated Schedule	Part Number	Estimated Schedule
21021000	There is not schedule for the transition. We deliver on a first-come, first-serve basis until our inventory has depleted.	21022000	**Samples Available** Now (single units) **Volume Production:** After depletion of the predecessor product.

4. Description of Changes

From 21021000 to 21022000 (V1.0A to V2.0A):

– The WiFi controller chip used on the new V2.0A product is able to handle all WiFi channels from 1 to 14 whereas the V1.0A was only able to handle the channels 1 to 11.

5. Customer Impact

Customers are strongly encouraged to convert their designs to the replacement parts listed above. Toradex also advises customers to carefully validate the new WL250N USB WiFi stick before their production release.

5.1. Hardware Design

– No HW change needed.

5.2. Software

– The drivers are compatible with both, the old and new version of the WL250N USB WiFi stick.

– No SW change needed if using 14 WiFi channels is suitable.
  Note: Please refer to the current laws and regulations about allowed WiFi channels of the country where you intend to use this WiFi product.

– If you want to use 11 or 13 WiFi channels only, please visit our product website in order to find the needed SW settings:
  http://developer.toradex.com/product-selector/wl250n-usb-wifi

6. Contact

Please contact shop@toradex.com for commercial questions or support.arm@toradex.com for technical questions.

7. Definitions

EOL: End Of Life