

# DA14585 Range Extender Software Release Notes for version 1.0.1

## Table of contents

<b>1.0 Introduction.....</b>	<b>2</b>
1.1 SCOPE.....	2
1.2 TERMS AND ABBREVIATIONS.....	2
1.3 RELEASE DATA .....	2
1.4 LICENSE .....	2
1.5 HISTORY .....	2
<b>2.0 Release Description.....</b>	<b>3</b>
2.1 MAJOR CHANGES .....	3
2.2 ISSUES OR LIMITATIONS.....	3
2.3 CHANGES IN SDK CODE.....	3
2.4 MAJOR RELEASE FILES.....	3
<b>3.0 Release History.....</b>	<b>4</b>
3.1 1.0.04 .....	

## 1.0 Introduction

### 1.1 Scope

This document describes the release of the DA14585 Range Extender SW Driver from Dialog Semiconductor.

### 1.2 Terms and abbreviations

BLE Bluetooth Low Energy  
 SDK Software Development Kit  
 FW Firmware

### 1.3 Release Data

PROJECT DA14585 Range Extender  
 RELEASE DATE 1 August 2019  
 VERSION NR. 1.0.1 (based on SDK version 6.0.10)  
 RELEASE TYPE<sup>1</sup> FULL (GA)  
 RELEASE MASTER Kalliopi Liantinioti

### 1.4 License

Licenses covering this SDK release are listed in the license.txt file in the sdk doc folder.

### 1.5 History

VERSION	RELEASE MASTER	DATE
1.0	Kalliopi Liantinioti	12 December 2017
1.1	Kalliopi Liantinioti	01 August 2019

<sup>1</sup> Releases can be of the following types: FULL (GA), FULL (LA), RELEASE CANDIDATE, ENGINEERING, PATCH or BINARY

## 2.0 Release Description

### 2.1 Major Changes

#	DESCRIPTION
<b>NEW FEATURES</b>	
-	NA
<b>FIXES / IMPROVEMENTS</b>	
-	Enables the range extender with power set by the user. Keeps radio output value during sleep.

### 2.2 Issues or Limitations

#	OPEN ISSUES & LIMITATIONS
1	TX Power Service update not supported on 6.0.10 version.

### 2.3 Changes in SDK code

#	OPEN ISSUES & LIMITATIONS
-	NA

### 2.4 MAJOR Release Files

#	File Name	Description
1	rext_sky66111-11_v1.1.zip	RELEASE FILE
2	UM-B-089_DA14585_Range_Extender_Reference_Application_v1.1.pdf	USER MANUAL
3	DA14585_Range_Extender_SW_Release_Notes_v_1.1.pdf	RELEASE NOTES

### 3.0 Release History

#### 3.1 1.1.0

#1.0	DESCRIPTION
<b>OVERVIEW</b>	
	<p>This is the first Full (LA) release of the software driver of the DA14585 Range Extender. The most important features of this initial version are listed below:</p> <p>System</p> <ul style="list-style-type: none"> <li>- SKY66111-11 Power Amplifier Driver supporting programmable output power levels: BYPASS, 0, +2, +4, +6, +8 and MAX_POWER</li> </ul>

#1.1	DESCRIPTION
<b>OVERVIEW</b>	
	<p>This is the second Full (LA) release of the software driver of the DA14585 Range Extender. The most important features of version are listed below:</p> <p>System</p> <ul style="list-style-type: none"> <li>- As 1.0</li> <li>- Keeps TX power value set by user during sleep time.</li> </ul>

## Appendix I: Versioning Rules

Each software version number string consists of 4 numbers. MAJOR.BRANCH.MINOR.BUILD

### Versioning rules:

**#MAJOR:** It is increased by 1 only if the project undergoes a major modification, e.g. major ROM changes. It practically changes only when the project sources undergo major restructuring affecting most of the repository. It is initialized at 1.

**#BRANCH:** Should be used in the case of concurrent projects that for special reasons need to be spun off the major repository. It corresponds to different versions of the repository code that have to be supported concurrently. In this case each branch number corresponds to a different GIT branch. The basic project has BRANCH id 0.

**#MINOR:** Odd numbers indicate Engineering (or Patch or Binary) versions, even numbers indicate Full release versions or Release Candidates of Full versions. Each Full release increases this number by one. After the Full release, the number is increased by 1 again. Therefore, Project releases correspond to release numbers like 2.0.1.xxx, 2.0.2.xxx. etc. The #MINOR number is initialized at 1.

**#BUILD:** The # BUILD number increases by 1 at every repository update and thus indicates the total number of changes since repository initialization. The BUILD number is initialized at 1.