HS3100 Firmware Upgrade Instructions

DFU Software Setup:

- Extract DFU.zip contents into a folder (e.g. C:\DFU) on a computer with Windows XP, Windows 7, Windows 8, or Windows 10 operating system.
- 2. Execute C:\DFU\vcredist_x86.exe. This step only needs to be done once
- 3. Execute C:\DFU\win32\DPInst.exe, or C:\DFU\win64\DPInst.exe if using 64 bit machine

DFU Headset Setup:

- 1. Connect USB cable between a PC USB port and HS3100 micro USB connector
- 2. Press Multi-Function button for five seconds until headset enters discoverable/pairing mode. LED will alternately flash Red/Blue.
- 3. Press both [Vol+] and [Vol-] button together, until LED turns off. Headset is now in DFU mode.

DFU Software Implementation:

- Launch Device Manager to install CSR BlueCore driver for the newly detected device (Note: depending on system status, it could be listed under Unrecognized device or shown as a Bluetooth device previously installed), change its driver by redirecting to C:\Gl\win32 (or win64) (CSRBlueCoreUSB). The system should display "CSR BlueCore in DFU mode". This step only needs to be done once.
- 2. cd C:\DFU, run DFUWizard

BlueCore Device Firmware Upgrade Wizard		
	Upgrade the Firmware of your BlueCore Module	e
	Welcome to the Cambridge Silicon Radio BlueCore Device Firmware Upgrade Wizard. This Wizard will guide you through the steps necessary to upgrade the software of a BlueCore module.	e
	The wizard needs information about how your BlueCore module i conected to the computer, and the name of the firmware upgrade file to use.	B
	To begin the upgrade process, click Next.	
	Version 2.5.8.66	7
	Copyright (C) 2000-2014, Cambridge Silicon Radio Lto	l.
	< Back Next > Cancel Help	



4. Select the second download option and press Next:

BlueCore Device Firmware	e Upgrade Wizard	×	
	Upgrade Action		
	Please select whether you wish to download a new version of firmwa or restore a previous version:	are	
	Download a new version of the firmware, saving a copy the current version first. Any previously saved version w be replaced. (Recommended.)	of ill	
	 Download a new version of the firmware, without first save a copy of the current version. 	ving	
	Restore the previous version of the firmware. Use this option if a problem has been encountered after perform a previous upgrade.	ing	
	Backup File: C:\Users\FBGM64\AppDa\saved.dfu Change		
The previously saved firmware version is described as: LOADER=gdn_16unified_fl_bt4.1_27f_1501301250_ble_encr128 2015-01-30,			
	< Back Next > Cancel Help		

5. Browse to specify dfu file location and select the target file, e.g. BHC3020-v032_noCVC.dfu, and press Next:

BlueCore Device Firmware Upgrade Wizard		
	Upgrade File	
	Please select the file containing the version of firmware to download:	
	C:\Users\FBGM64\Des\BHC3020-v032_noCVC.dfu Browse	
	<back next=""> Cancel Help</back>	

6. Click Next to start upgrade process

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BlueCore Device Firmware	Upgrade Wizard
	Ready to Upgrade The wizard has now collected all of the information that it requires to perform the upgrade. Please check the options listed below, and then click Next to start the upgrade, or Back to make changes. USB device: CSR_ABCDEF0123456789 (BD_ADDR = ??-??-??-? Upload: Existing firmware has already been saved Download: C:\Users\FBGM64\Desktop\BHC3020-v032_noCVC.d
	<back next=""> Cancel Help</back>



8. Upgrade successfully completed

BlueCore Device Firmware	Upgrade Wizard	×
BlueCore Device Firmware	Upgrade Wizard Successful Upgrade The fimware of your BlueCore using C:\GI\BHC3020-v024.c be operating correctly. If you encounter problems usi wizard again and select the op of the fimware. Time taken: Upload Download Total	 e module was successfully upgraded ifu, and the new version appears to ng the BlueCore module then run this ption to restore the previous version 00 minutes 29 seconds 00 minutes 35 seconds
	< Back Finish	Cancel Help