Bluetooth^{TM} Qualified Product Listing Notice

B A B T

Applicant:	Cambridge Silicon Radio Churchill House Cambridge Business Park Cowley Road Cambridge CB4 0WZ United Kingdom
Contact person:	Mr Peter Flittner
Product name:	BlueCore FW
Product type:	Component - SW - Integrated
Identifier:	UnifiedStack2.0EDR
Hardware version:	N/A
Software versions:	20b, 21a, 21c, 21d, 21e and 21f
Bluetooth specification version:	2.0 + EDR
Description:	Firmware implementing BB, LM, HCI, L2CAP, SDP, RFCOMM, SPP and GAP to the 2.0 + EDR specification for BlueCore, CSR's single-chip CSR's single chip solution implementation integrating a radio, baseband and microcontroller. The unified stack can be used as a full stack for embedded solutions or an HCI stack for use with an off-chip host.
Bluetooth profiles supported:	GAP, Serial-DevA, Serial-DevB
Pre-tested test cases:	See Annex A
HW/SW reference platform	See Annex B and the Component Reference Design Application Note

This listing notice is an essential part of the Bluetooth qualification program and shows the acceptance of this component as a pre-tested Bluetooth product.
This Qualified Product Listing Notice is only valid in conjunction with Annex A and B.
I certify that the component identified above complies with the qualification requirements (as listed in Annex A) within their Covered Functionality in the reference design configuration as described in the Component Reference Design Application Note.

22nd August 2006

Date First listed: 11/07/2005	Signed by Leslie Rowland Bluetooth Qualification Body (BQB) BABT Walton on Thames United Kingdom e-mail: les.rowland@babt.com
Document Reference Number: BPS/LR/0023e	web: http://www.babt.com

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Annex A

1.0 Covered Functionality

The Covered Functionality of this product is defined as follows:

1.1 Baseband as defined in Volume 2, Part B of the Specification of the *Bluetooth* System, Version 2.0 + EDR, including all mandatory and optional features excluding:

SCO and eSCO links from different Masters

The Covered Functionality above is valid under the following condition:
Temperature range: -40℃ to +105℃

1.2 Link Manager as defined in Volume 2, Part C of the Specification of the *Bluetooth* System, Version 2.0 + EDR, including all mandatory and optional features.

1.3 Host Controller Interface (HCI) as defined in Volume 2, Part E of the Specification of the *Bluetooth* System, Version 2.0 + EDR.

1.4 Logical Link and Control and Adaptation Protocol (L2CAP) as defined in Volume 3, Part A of the Specification of the *Bluetooth* System, Version 2.0 + EDR, including all mandatory and optional features excluding:

Support of retransmission mode
Support of flow control mode

1.5 Service Discovery Protocol (SDP) as defined in Volume 3, Part B of the Specification of the *Bluetooth* System, Version 2.0 + EDR, including all mandatory and optional features for the server and client roles.

1.6 Generic Access Protocol (GAP) as defined in Volume 3, Part C of the Specification of the *Bluetooth* System, Version 2.0 + EDR, including all mandatory and optional features.

1.7 RFCOMM with TS 07.10 as defined in part F:1 of the Bluetooth Core Specification, Version 1.1, including all mandatory and optional features.

1.8 Serial Port Profile (SPP) as defined in part K:5 of the Bluetooth Core Specification, Version 1.1 including all mandatory and optional features for the DevA and DevB roles.

2.0 Reference Documents

Specification of the *Bluetooth* System, Version 2.0 + EDR
Specification of the *Bluetooth* System, Version 1.1
Test Case Reference List (TCRL), dated 1st May 2005
Qualification Program Reference Document (QPRD), Revision 1.0
Qualification Program Reference Document (QPRD), Addendum, Revision 1.0.1

3.0 Product Software Versions

The following software version is included in this Qualified Product Listing Notice:

BlueCore FW UnifiedStack2.0EDR, software version 20b for use in BC4-Ext HW
BlueCore FW UnifiedStack2.0EDR, software version 21a for use in BC4-Audio-ROM
BlueCore FW UnifiedStack2.0EDR, software version 21c for use in BC4
BlueCore FW UnifiedStack2.0EDR, software version 21d for use in BC4
BlueCore FW UnifiedStack2.0EDR, software version 21e (supporting Baseband, Link Manager and HCI
only) for use in BC4-ROM
BlueCore FW UnifiedStack2.0EDR, software version 21f for use in BC4-Audio-ROM

Annex B: Hardware / software reference platform

For further information please refer to the Reference Design Application Note

Annex C: Revision History

Date	Document Reference	Comments
11/07/2005	BPS/LR/0023	First issue
09/09/2005	BPS/LR/0023a	Added software version 21a for use in BC4-Audio-ROM
09/11/2005	BPS/LR/0023b	Added software version 21c for use in BC4
13/04/2006	BPS/LR/0023c	Added software version 21d for use in BC4
03/05/2006	BPS/LR/0023d	Added defeatured software version 21e for use in BC4-ROM
22/08/2006	BPS/LR/0023e	Added software version 21f for use in BC4-Audio-ROM