



Project Details

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Project Name	BLUETOOTH MODULE (F-6988)
Product Type	End Product
TCRL Version:	TCRL 2017-2
Referenced Qualified Design(s)	
Previously Qualified Design Used in this Qualification(s)	90336
Listing Date	2018-05-31
Declaration ID	D039323

Product Listing(s)

Name	Website	Category	Publish Date	Model Number	Description
C-CHIP BLUETOOTH MODULE		Unique Products	5/31/2018 12:00:00 AM	F-6988	蓝牙模块
C-CHIP BLUETOOTH MODULE		Unique Products	5/31/2018 12:00:00 AM	F-6989	蓝牙模块
C-CHIP BLUETOOTH MODULE		Unique Products	5/31/2018 12:00:00 AM	F-6987	蓝牙模块
C-CHIP BLUETOOTH MODULE		Unique Products	5/31/2018 12:00:00 AM	F-6986	蓝牙模块
C-CHIP BLUETOOTH MODULE		Unique Products	5/31/2018 12:00:00 AM	F-6985	蓝牙模块

Member Company	Shen Zhen Shi Xin Zhong Xin Technology Co., Ltd.
Declaring Member Contact / Listing Contact Person	Name
	Address
	City
	State
	Country
	Postal Code

Complete the Project and Submit Product(s) for Qualification

By typing my name or other symbol of my signature into the "Signature" field below, I agree on behalf of Shen Zhen Shi Xin Zhong Xin Technology Co., Ltd. ("Company") to [Bluetooth Launch Studio Terms of Use](#), and I make the following representations and warranties personally and on behalf of Company. The following representations and warranties, together with all project information and the [Bluetooth Launch Studio Terms of Use](#), are the Supplier Declaration of Conformity and Declaration of Compliance described in the [Program Reference Document \(PRD\)](#) and [Declaration Process Document \(DPD\)](#).

- ☒ I am authorized by Company to submit all of the information included in this project and all information is complete and accurate.
- ☒ Company does not, by its governing documents or other applicable law, require more than one signatory, a stamp or seal, or a witnessed signature to be legally bound.
- ☒ I agree on behalf of Company to contract in English and electronically, and adopt the characters and symbols input in the signature field below as my signature, with the same effect as an ink signature.

☒ The products included in this project are owned and distributed by Company under a Product name that identifies Company as the source of the Product. Company has the right to use and reference all Qualified Designs referenced in the project, and the products and referenced Qualified Designs comply with the version of the Bluetooth Specification identified in the project submission.

☒ The product(s) included in this project and the corresponding Qualified Designs comply with the [Bluetooth Launch Studio Terms of Use](#).

If any of the foregoing is not correct or you do not agree, you must exit this form without signing.

Signature:

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BLUETOOTH® LAUNCH STUDIO TERMS OF USE

Effective Date: November 10th, 2017.

These Bluetooth Launch Studio Terms of Use (“**Launch Studio Terms**”) are a supplement to the [Bluetooth SIG Website Terms of Use](#) (“**WTOU**”) and together the Launch Studio Terms and WTOU are a legal agreement (collectively the “**Bluetooth Terms**”) between you and Bluetooth SIG, Inc., a Delaware corporation (“**Bluetooth SIG**”) that governs your access to and use of the Bluetooth Launch Studio (the “**Launch Studio Tool**”).

The Launch Studio Tool is a Service (as defined in the WTOU) offered by Bluetooth SIG. Terms used but not defined in these Launch Studio Terms have the meanings ascribed to them in the WTOU. In the event of a conflict between these Launch Studio Terms and the WTOU, these Launch Studio Terms will govern.

PLEASE READ THE BLUETOOTH TERMS CAREFULLY. BY ACCESSING OR USING THE LAUNCH STUDIO TOOL AND/OR CLICKING TO INDICATE THAT YOU AGREE TO THE LAUNCH STUDIO TERMS, YOU REPRESENT THAT YOU ARE AUTHORIZED TO BIND THE ENTITY UNDER WHOSE BLUETOOTH SIG MEMBERSHIP YOU OBTAINED A USER ACCOUNT AND THAT YOU AND THAT MEMBER AGREE TO BE BOUND BY THE BLUETOOTH TERMS. IF YOU ARE NOT AUTHORIZED OR DO NOT AGREE TO THE BLUETOOTH TERMS, DO NOT ACCESS OR USE THE LAUNCH STUDIO TOOL OR CLICK TO INDICATE THAT YOU AGREE TO THESE LAUNCH STUDIO TERMS.

1. MEMBERSHIP ACCOUNT REQUIREMENT.

To access and use the Launch Studio Tool, you must have an Account (as defined in the WTOU) issued under the membership account of a current Bluetooth SIG member and log into the Launch Studio Tool with that Account. You acknowledge and agree that when you access the Launch Studio Tool that you are doing so on behalf of the member your Account is associated with (“**Member**”) and you represent and warrant that you are authorized by Member to access and use the Launch Studio Tool and provide Submissions (defined below) on Member’s behalf.

2. BLUETOOTH QUALIFICATION PROCESS.

The “**Bluetooth Qualification Process**” is the process created by Bluetooth SIG for qualifying Products. The Launch Studio Tool is the Bluetooth SIG tool designed to implement the Bluetooth Qualification Process. A “**Product**” means a product that:

- (a) if sold, is sold as a single item (consisting of software, firmware, drivers, applications, hardware, or a combination of some or all of the foregoing);
- (b) contains one or more Portions; and
- (c) if marketed, is marketed under a name and/or trademark that uniquely identifies Member as the source of the product. A “**Portion**” means hardware, software, or a combination of hardware and software that implements a Bluetooth Specification. If the hardware, software, or combination contains or consists of more than an implementation of the Bluetooth specification, the “Portion” is only the implementation of the Bluetooth Specification. “**Bluetooth Specification**” is defined in the Bylaws of Bluetooth SIG.

3. REPRESENTATIONS AND ACKNOWLEDGEMENTS.

- (a) You represent and warrant that you have permission to submit to Bluetooth SIG all information and materials (including design information, product information, test reports, and test results) that you provide through the Launch Studio Tool (“**Submissions**”) and that all Submissions are true, complete, and accurate.
- (b) You represent and warrant that you and Member will comply with the SIG Member Terms (as defined in the WTOU).
- (c) You represent and warrant that all Submissions that you make through the Launch Studio Tool and all Products listed in your Submissions comply with the SIG Member Terms (as defined in the WTOU) and the Bluetooth Specification(s) referenced in your Submission.

(d) You represent and warrant that the products referenced in your Submissions that you submit to the Bluetooth Qualification Process via the Launch Studio Tool will only be Products that, if marketed or distributed, are done so by Member under a name or trademark that uniquely identifies Member as the source of the Product.

(e) You acknowledge and agree that a product is not a Bluetooth Product under the Bluetooth Trademark License Agreement and you and Member will not market or distribute any product that uses any Bluetooth® trademark on it or in connection with any related marketing, promotion, or advertising unless you or Member have been notified by Bluetooth SIG that it has completed the Bluetooth Qualification Process (e.g., via a confirmation screen or email from Bluetooth SIG expressly stating that the Product has completed the Bluetooth Qualification Process).

4. FEES AND PAYMENT TERMS.

(a) Bluetooth SIG may charge you fees in connection with your use of the Launch Studio Tool and Submissions (e.g., for declaration IDs, etc.). The type and amount of fees may change at any time. You agree that Member will pay all fees required by Bluetooth SIG in accordance with the instructions provided within the Launch Studio Tool. Bluetooth SIG may accept credit card payments or, if offered within the Launch Studio Tool, may permit you to pay fees offline. If you choose to pay offline, you will pay the invoice issued to you by Bluetooth SIG, according to the terms stated in the invoice. If you provide credit card payment information, you agree that Bluetooth SIG or its third party payment processor may charge your credit card immediately. You acknowledge that, until Bluetooth SIG has processed your payment and received the funds: you will not be entitled to receive or be permitted to use any item purchased (e.g., declaration ID). Except as set forth in Section 4(c) below, all sales are final and all payments are non-refundable.

(b) If you receive a discount on any fees based on your Member's level of membership and your Member's membership level changes (e.g., the Member moves from an associate to an adopter level), you will no longer be entitled to receive the discount and any fees owed and any outstanding invoices from Bluetooth SIG as of the date of the membership level change will be increased to reflect the amount owed without the discount. Further, if you purchased any declaration IDs at a discount and you have not used them as of the date of the membership level change, you may not use the previously purchased declaration IDs unless you pay the difference between the then-current standard fee and the discounted fee previously paid.

(c) If you have purchased declaration IDs and have not used them and you would like to request a refund, you may click this [contact us](#) link and submit a request to return the declaration IDs. All refunds processed by Bluetooth SIG will be made less a 10% processing fee. Declaration IDs purchased from Bluetooth SIG are non-transferable and may not be transferred to another member.

5. CONFIDENTIALITY OF SUBMISSIONS.

You and the Bluetooth SIG agree that Submissions are Confidential Information subject to the Bluetooth SIG Confidentiality Policy even if you do not label the Submission "Confidential." Notwithstanding anything in the Bluetooth SIG Confidentiality Policy and except as described in the following sentence, you agree that Bluetooth SIG will treat your Submissions as confidential, including by not making them available through the searchable database on Bluetooth SIG's web site until the date that you have selected as the "listing date" within the Launch Studio Tool when you click to submit your Submission. Bluetooth SIG further agrees that

(a) if, when you submit a Submission, the "publish date" in your Submission is after the listing date, the following information will be treated as Member Confidential Information and not included in the searchable database on Bluetooth SIG's web site until the "publish date": product name, product number, category, subset ID (if applicable), publish date, and product description and

(b) the test plan and test evidence provided as part of your Submission will continue to be treated as Member Confidential Information for the period of time required under the Bluetooth SIG Confidentiality Policy regardless of any listing date or publish date in the Submission. To the extent that this Section conflicts with the Bluetooth SIG Confidentiality Policy, this Section supersedes the Bluetooth SIG Confidentiality Policy with respect to Bluetooth SIG's obligations of confidentiality of Submissions.

6. RECORD KEEPING AND AUDIT.

You agree to maintain a complete copy of your Submissions as well as all supporting information and documentation related to each Product you submit for qualification through the Launch Studio Tool (“**Records**”) in order to document your compliance with the SIG Member Terms and Bluetooth Specifications. You agree that Bluetooth SIG may request copies of Records relating to or pertaining to your Submissions and all Products referenced therein and you will provide copies of Records and permit Bluetooth SIG and its representatives to audit, examine, and make copies of or extracts from all Records (in whatever form they may be kept, whether written, electronic, or other) in order to verify the truth, accuracy, and completeness of your Submissions as well as compliance with the SIG Member Terms and Bluetooth Specifications. Bluetooth SIG will be responsible for the cost of any audit, unless the audit reveals that any Submission is incomplete or inaccurate or that you, Member, any of your Submissions, or any Product fails to comply with the SIG Member Terms or Bluetooth Specifications, in which case Member will reimburse Bluetooth SIG for the costs of the audit within 30 days after receiving Bluetooth SIG’s request for reimbursement.

7. ADDITIONAL DISCLAIMERS.

The Launch Studio Tool is not a record-keeping or storage tool. You are responsible for backing up all of Your Content (as defined in the WTOU) submitted to the Launch Studio Tool. In addition to the disclaimers in the WTOU, Bluetooth SIG does not guarantee that Your Content will not be removed, damaged, corrupted, or lost.

Summary ICS

Table 21: Controller Configuration Specification Version

Item	Capability	System Spec Reference	Support	Status	Comment
21/16	Core Specification Version 5.0. Adopted 06 December 2016	Core 5.0	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support only one Controller Core Specification Version.

Table 24: BR/EDR Controller Electrical Interfaces

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 31: Host Configuration Specification Version

Item	Capability	System Spec Reference	Support	Status	Comment
31/19	Core Specification Version 5.0. Adopted 06 December 2016	Core 5.0 (see 18 in published SUMICS)	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support only one Host Core Specification Version.

Table 33: Core Host Electrical Interfaces

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 34: LE Host Specification Parts

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 41: AMP Controller Specification Version

Prerequisite: SUM ICS 21/13 or SUM ICS 21/14 or SUM ICS 21/16 or SUM ICS 21/5 or SUM ICS 21/6 or SUM ICS 21/8 or SUM ICS 21/9

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 42: AMP Controller Specification Parts

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 43: AMP Controller Electrical Interfaces

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 51: Low Energy Controller Configuration

Prerequisite: SUM ICS 21/13 or SUM ICS 21/14 or SUM ICS 21/16 or SUM ICS 21/9

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 52: Low Energy Host Core Specification

Prerequisite: SUM ICS 31/10 or SUM ICS 31/11 or SUM ICS 31/15 or SUM ICS 31/16 or SUM ICS 31/17 or SUM ICS 31/18 or SUM ICS 31/19

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 22: EDR Features

Prerequisite: SUM ICS 21/13 or SUM ICS 21/14 or SUM ICS 21/16 or SUM ICS 21/4 or SUM ICS 21/6 or SUM ICS 21/8 or SUM ICS 21/9

Item	Capability	System Spec Reference	Support	Status	Comment
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22/1	EDR for asynchronous transports (single slot)	Core 2.0+EDR and later	C.1	☑	C.1: Mandatory to support at least one if +EDR (21/4 or 21/6) is supported; Mandatory to support at least one if +HS (41/1 or 41/2) is supported, otherwise Optional
22/2	EDR for asynchronous transports (multi-slot)	Core 2.0+EDR and later	C.1	☑	C.1: Mandatory to support at least one if +EDR (21/4 or 21/6) is supported; Mandatory to support at least one if +HS (41/1 or 41/2) is supported, otherwise Optional
22/4	EDR for synchronous transports (Core 3.0 or later)	CSA1 and 3.0+HS or later	C.1/C.2	☑	C.1: Mandatory to support at least one if +EDR (21/4 or 21/6) is supported; Mandatory to support at least one if +HS (41/1 or 41/2) is supported, otherwise Optional C.2: Optional if CSA1 or later is supported, otherwise Excluded.

Product Type

Table 1: Product Types

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	End Product	N/A	C.1	☑	C.1: Mandatory to support one and only one Product Type.

Table 2: Controller Core Configuration

Prerequisite: PROD 1/1 or PROD 1/2 or PROD 1/3 or PROD 1/5

Item	Capability	System Spec Reference	Support	Status	Comment
2/2	BR/EDR Controller	Vol. 0 Part B	C.1	☑	C.1: Mandatory to support only one Controller Configuration. Optional if 1/2 or 1/3 is Supported.

Table 3: Host Core Configuration

Prerequisite: PROD 1/1 or PROD 1/2 or PROD 1/3 or PROD 1/4

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	BR Host	Vol. 0 Part B	C.1	☑	C.1: Mandatory to support only one Host Configuration. Optional if 1/2 or 1/3 is Supported.

Radio

Table 1: RF Capabilities

Item	Capability	System Spec Reference	Support	Status	Comment
1/2	Power Class = 2	RF, 3	C.5	☑	C.5: At least one of 1/1 (Power Class 1) OR 1/2 (Power Class 2) OR 1/3 (Power Class 3) shall be supported.
1/4	Power Control	RF, 3	C.1	☑	C.1: Mandatory if 1/1 is supported, otherwise Optional.
1/5	1-slot packets supported	BB, 6.5	M	☑	
1/6	3-slot packets supported	BB, 6.5	O	☑	
1/7	5-slot packets supported	BB, 6.5	O	☑	
1/8	79 Channels	RF, 2	M	☑	
1/9	Support for GFSK modulation	RF, 3.1	M	☑	
1/10	Support for pi/4-DQPSK modulation	RF, 3.2	C.2	☑	C.2: Mandatory if (SUMICS 22/1 or 22/2 or 22/3 or 22/4) is supported, otherwise Excluded.
1/11	Support for 8DPSK modulation	RF, 3.3	C.3	☑	C.3: Mandatory if (SUMICS 22/1 or 22/2 or 22/3) is supported; Optional if (SUMICS 22/4) is supported, otherwise Excluded.

Baseband Conformance

Table 1: Physical Channel

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Support frequency band and 79 RF channels	BB, 2.1	M	☑	
1/2	Adaptive Frequency Hopping Kernel	BB, 2.6	M	☑	

Table 1a: Modulation Schemes

Item	Capability	System Spec Reference	Support	Status	Comment
1a/1	Basic Data Rate, 1 Mbps payload data rate	RF, 3.1	M	☑	
1a/2	Enhanced Data Rate, 2 Mbps payload data rate	RF, 3.2	C.1	☑	C.1: Mandatory IF (SUMICS 22/1 “EDR for asynchronous transports (single slot)” OR SUMICS 22/2 “EDR for asynchronous transports (multi-slot)” OR SUMICS 22/3 “EDR for synchronous transports” OR SUMICS 22/4 “EDR for synchronous transports, CSA1 and 3.0+HS or later”) is supported, otherwise Optional.
1a/3	Enhanced Data Rate, 3 Mbps payload data rate	RF, 3.2	C.2	☑	C.2: Mandatory IF (SUMICS 22/1 (“EDR for asynchronous transports (single slot)”) OR SUMICS 22/2 (“EDR for asynchronous transports (multi-slot)”) OR SUMICS 22/3 (“EDR for synchronous transports”)) is supported; Optional IF BB 1a/2 “Enhanced Data Rate, 2 Mbps payload data rate” is supported, otherwise Excluded.

Table 2: Link Types

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	Support of ACL link	BB, 5.2	M	☑	
2/2	Support of SCO link	BB, 5.4	O	☑	
2/3	Support of eSCO link	BB, 4.3	O	☑	
2/4	Support of Enhanced Data Rate ACL links	BB, 6.5.4	C.1	☑	C.1: Mandatory if (SUMICS 22/1 or 22/2) is supported, otherwise Optional.
2/5	Support of Enhanced Data Rate eSCO links	BB, 6.5.3	C.2	☑	C.2: Mandatory if (SUMICS 22/3 or 22/4) is supported otherwise Excluded.

Table 3: SCO Link Support

Item	Capability	System Spec Reference	Support	Status	Comment	Value
3/1	SCO links to same Slave	BB, 4.3	C.1	☑	C.1: Mandatory to support at least one SCO link type if BB 2/2 is supported.	
3/2	SCO links to different Slaves	BB, 4.3	C.3	☑	C.3: Optional if BB 2/2 is supported, otherwise Excluded.	
3/3	SCO links from same Master	BB, 4.3	C.1	☑	C.1: Mandatory to support at least one SCO link type if BB 2/2 is supported.	
3/5	eSCO links to same Slave	BB, 4.2	C.2	☑	C.2: Mandatory to support at least one eSCO link type if BB 2/3 is supported.	
3/6	eSCO links to different Slaves	BB, 4.2	C.4	☑	C.4: Optional if BB 2/3 is supported, otherwise Excluded.	
3/7	eSCO links from same Master	BB, 4.2	C.2	☑	C.2: Mandatory to support at least one eSCO link type if BB 2/3 is supported.	

Table 3a: Profile Broadcast Data Link Support

Prerequisite: BB 2/6

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 4: Common Packet Types

Item	Capability	System Spec Reference	Support	Status	Comment
4/1	Support of ID packet type	BB, 6.5.1 BB,6.5.1.1	M	☑	
4/2	Support of NULL packet type	BB, 6.5.1 BB, 6.5.1.2	M	☑	
4/3	Support of POLL packet type	BB, 6.5.1 BB, 6.5.1.3	M	☑	
4/4	Support of FHS packet type	BB, 6.5.1 BB,6.5.1.4	M	☑	

Table 5: ACL Packet Types

Item	Capability	System Spec Reference	Support	Status	Comment
5/1	Support of DH1 packet type	BB, 6.5.4 BB,6.5.4.2	M	☑	
5/2	Support of DM3 packet type	BB, 6.5.4 BB,6.5.4.3	C.1	☑	C.1: Mandatory if (9c/1 or 9c/2) is supported, otherwise Optional.
5/3	Support of DH3 packet type	BB, 6.5.4 BB,6.5.4.4	O	☑	
5/4	Support of DM5 packet type	BB, 6.5.4 BB,6.5.4.5	O	☑	
5/5	Support of DH5 packet type	BB, 6.5.4 BB,6.5.4.6	O	☑	
5/6	Support of AUX1 packet type	BB, 6.5.4 BB,6.5.4.7	O	☑	

Table 5a: Enhanced Data Rate ACL Packet Types

Prerequisite: BB 2/4

Item	Capability	System Spec Reference	Support	Status	Comment
5a/1	Support 2-DH1 packet type	BB, 6.5.4.8	C.1	☑	C.1: Mandatory if (SUMICS 22/1 or 22/2) is supported, otherwise Optional if (BB 1a/2) is supported.
5a/2	Support 2-DH3 packet type	BB, 6.5.4.9	C.2	☑	C.2: Mandatory if (SUMICS 22/2) is supported, otherwise Optional if (BB 1a/2) is supported.
5a/3	Support 2-DH5 packet type	BB, 6.5.4.10	C.2	☑	C.2: Mandatory if (SUMICS 22/2) is supported, otherwise Optional if (BB 1a/2) is supported.
5a/4	Support 3-DH1 packet type	BB, 6.5.4.11	C.3	☑	C.3: Mandatory if (SUMICS 22/1 or 22/2) is supported, otherwise Optional if (BB 1a/3) is Supported.
5a/5	Support 3-DH3 packet type	BB, 6.5.4.12	C.4	☑	C.4: Mandatory if (SUMICS 22/2) is supported, otherwise Optional if (BB 5a/2 and 5a/4) are supported.
5a/6	Support 3-DH5 packet type	BB, 6.5.4.13	C.5	☑	C.5: Mandatory if (SUMICS 22/2) is supported, otherwise Optional if (BB 5a/3 and 5a/4) are supported.

Table 6: SCO and eSCO Packet Types

Item	Capability	System Spec Reference	Support	Status	Comment
6/1	Support of HV1 packet type	BB, 6.5.2 BB,6.5.2.1	C.1	☑	C.1: Mandatory if BB 2/2 is supported, otherwise Excluded.
6/2	Support of HV2 packet type	BB, 6.5.2 BB,6.5.2.2	C.2	☑	C.2: Optional if BB 2/2 is supported, otherwise Excluded.
6/3	Support of HV3 packet type	BB, 6.5.2 BB,6.5.2.3	C.2	☑	C.2: Optional if BB 2/2 is supported, otherwise Excluded.
6/4	Support of DV packet type	BB, 6.5.2 BB,6.5.2.4	C.1	☑	C.1: Mandatory if BB 2/2 is supported, otherwise Excluded.
6/5	Support of EV3 packet type	BB, 6.5.3 BB,6.5.3.1	C.3	☑	C.3: Mandatory if BB 2/3 is supported, otherwise Excluded.
6/6	Support of EV4 packet type	BB, 6.5.3 BB,6.5.3.2	C.4	☑	C.4: Optional if BB 2/3 is supported, otherwise Excluded.
6/7	Support of EV5 packet type	BB, 6.5.3 BB,6.5.3.3	C.4	☑	C.4: Optional if BB 2/3 is supported, otherwise Excluded.

Table 6a: Enhanced Data Rate eSCO Packet Types

Item	Capability	System Spec Reference	Support	Status	Comment
6a/1	Support 2-EV3 packet type	BB, 6.5.3.4	C.1	☑	C.1: Mandatory if (SUMICS 22/3) is supported, otherwise Optional if (BB 1a/2) is supported.
6a/2	Support 2-EV5 packet type	BB, 6.5.3.5	C.2	☑	C.2: Optional if 1a/2 is supported.
6a/3	Support 3-EV3 packet type	BB, 6.5.3.6	C.3	☑	C.3: Mandatory if (SUMICS 22/3) is supported and (SUMICS 22/4) is Not Supported, otherwise Optional if (BB 1a/3) is supported.
6a/4	Support 3-EV5 packet type	BB, 6.5.3.7	C.4	☑	C.4: Optional if 1a/3 is supported.

Table 7: Page Procedures

Item	Capability	System Spec Reference	Support	Status	Comment
7/1	Support paging	BB, 8.3.2	M	☑	
7/2	Support page scan	BB, 8.3.1	M	☑	
7/5	Supports Interlaced Scan during page scan	BB, 2.4	O	☑	

Table 8: Paging Schemes

Item	Capability	System Spec Reference	Support	Status	Comment
8/1	Supports mandatory scan mode	BB, 8.3 BB, table 6.5	M	☑	

Table 9: Paging Modes

Item	Capability	System Spec Reference	Support	Status	Comment
9/1	Supports paging mode R0	BB, 8.3.1 BB, table 8.1	C.1	☑	C.1: At least one of 9/1-3 is Mandatory.
9/2	Supports paging mode R1	BB, 8.3.1 BB, table 8.1	C.1	☑	C.1: At least one of 9/1-3 is Mandatory.
9/3	Supports paging mode R2	BB, 8.3.1 BB, table 8.1	C.1	☑	C.1: At least one of 9/1-3 is Mandatory.

Table 9b: Paging Train Repetition

Item	Capability	System Spec Reference	Support	Status	Comment
9b/1	Supports Npage >= 1	BB, 8.3.2 BB, table 8.2	O	☑	
9b/2	Supports Npage >= 128	BB, 8.3.2 BB, table 8.2	O	☑	
9b/3	Supports Npage >= 256	BB, 8.3.2 BB, table 8.2	M	☑	

Table 9c: Synchronization Modes Support

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 10: Inquiry Procedures

Item	Capability	System Spec Reference	Support	Status	Comment
10/1	Support inquiry	BB, 8.4.2	O	☑	
10/2	Inquiry scan with first FHS	BB, 8.4.2	O	☑	
10/5	Supports the dedicated inquiry access code	BB, 6.3.1	O	☑	
10/6	Supports interlaced Scan during inquiry scan	BB, 2.5	O	☑	
10/7	Extended Inquiry Response	BB, 8.4.2, BB 8.4.3	C.1	☑	C.1: Mandatory if (GAP 1/3) and (Core Spec 2.1 or later), otherwise Optional. Excluded if (Core Spec 2.0) is supported.

Table 11: Piconet Capabilities

Item	Capability	System Spec Reference	Support	Status	Comment	Value
11/1	Broadcast messages	BB, 7.6.1 BB, 7.6.5	O	☑		
11/2	Point-to-multipoint connections	BB, 1	O	☑		

Table 12: Scatternet Capabilities

Item	Capability	System Spec Reference	Support	Status	Comment
12/1	Act as Master in one piconet and Slave in another piconet	BB, 1	O	☑	

Table 13: Synchronous Coding Schemes

Prerequisite: BB 2/2

Item	Capability	System Spec Reference	Support	Status	Comment
13/1	A-law	BB, 9.1	O	☑	
13/2	u-law	BB, 9.1	O	☑	
13/3	CVSD	BB, 9.2	O	☑	
13/4	Transparent Synchronous Data	BB, 5.4 BB, 5.5	O	☑	

Table 14: Erroneous Data Reporting

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 15: This table is intentionally left blank: DO NOT USE

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 16: Non-flushable Packet Boundary Flag

Prerequisite: SUM ICS 21/13 or SUM ICS 21/14 or SUM ICS 21/16 or SUM ICS 21/5 or SUM ICS 21/6 or SUM ICS 21/8 or SUM ICS 21/9

Item	Capability	System Spec Reference	Support	Status	Comment
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16/1	Support Non-flushable Packet Boundary Flag	Vol 2, Part B, Section 7.6.3	C.1	☑	C.1 Mandatory if (Core Spec 2.1 or later) and (HCI 12/1) is supported, otherwise optional. Excluded if (Core Spec 2.0) is supported.
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Table 17: Connection States

Prerequisite: SUM ICS 21/13 or SUM ICS 21/14 or SUM ICS 21/16 or SUM ICS 21/5 or SUM ICS 21/6 or SUM ICS 21/8 or SUM ICS 21/9

Item	Capability	System Spec Reference	Support	Status	Comment
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17/1	Sniff Subrating Mode	Vol 2, Part C, Section 4.5.3.3	C.1	☑	C.1 Mandatory if (Core Spec 2.1 or later) and (LMP 2/8) is supported, otherwise optional. Excluded if (Core Spec 2.0) is supported.
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Table 18: Coarse Clock Adjust

Item	Capability	System Spec Reference	Support	Status	Comment
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Link Manager

Table 1: Response Messages

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Accept message	LMP, 2.7	M	☑	
1/2	Reject message	LMP, 2.7	M	☑	

Table 2: Supported Features

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	3-slot packets	LMP, 4.1.10, LMP,3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.
2/2	5-slot packets	LMP, 4.1.10, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.
2/3	Encryption	LMP, 4.2.5,	C.5	☑	C.5: Optional IF (SUMICS 21/1 OR SUMICS 21/2 OR SUMICS 21/3 “(Core Specification 2.0)” OR SUMICS 21/4 “(2.0+EDR)”) is supported; Excluded IF LMP 2/21 “(BR/EDR Not Supported)” is supported, otherwise

		LMP, 3.3				Mandatory.
2/4	Slot offset	LMP, 4.4.1, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/5	Timing accuracy	LMP, 4.3.1, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/6	Role switch (Master/Slave)	LMP, 4.4.2, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/8	Sniff mode	LMP, 4.5.3, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/10	Power Control	RF, 3 LMP, 4.1.3, LMP, 3.3	C.1	☑	C.1: Mandatory IF Power Class 1 is supported (RF, 1/1=1); Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/11	Channel quality driven data rate	LMP, 4.1.7, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/12	SCO link	LMP, 4.6.1, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/13	RSSI	LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/14	Broadcast encryption	LMP, 4.2.5, LMP, 3.3	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/15	eSCO link	LMP, 4.6.2	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/16	Adaptive frequency hopping	LMP, 4.1.4	C.11	☑	C.11: Excluded IF LMP 2/21 (BR/EDR Not Supported) is supported, otherwise Optional.	
2/17	Enhanced Data Rate ACL	BB, 6.5.4 LMP, 3.3	C.2	☑	C.2: Mandatory IF (SUMICS 22/1 “EDR for asynchronous transports (single slot)” OR SUMICS 22/2 “EDR for asynchronous transports (multi-slot)”) is supported AND LMP 2/21 “BR/EDR Not Supported” is NOT supported; Excluded IF LMP 2/21 “BR/EDR Not Supported” is supported, otherwise Optional.	
2/18	Enhanced Data Rate eSCO	BB, 6.5.3 LMP, 3.3	C.3	☑	C.3: Mandatory IF (SUMICS 22/3 (EDR for synchronous transports) OR SUMICS 22/4 (EDR for synchronous transports, CSA1 and 3.0 + HS or later)) is supported, otherwise Excluded.	
2/19	Simple Pairing	LMP 4.2.7	C.4	☑	C.4: Excluded IF SUMICS 21/3 “Core Specification 2.0” OR SUMICS 21/4 “2.0+EDR” is supported; otherwise Mandatory IF LMP 2/21 “BR/EDR Not Supported” is NOT supported, otherwise Excluded.	

Table 3: Authentication

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	Initiate authentication before connection completed	LMP, 4.2.1	O	☑	
3/2	Initiate authentication after connection completed	LMP, 4.2.1	O	☑	
3/3	Respond to authentication request	LMP, 4.2.1	M	☑	

Table 4: Pairing

Item	Capability	System Spec Reference	Support	Status	Comment
4/1	Initiate pairing before connection completed	LMP, 4.2.2	O	☑	
4/2	Initiate pairing after connection completed	LMP, 4.2.2	O	☑	
4/3	Respond to pairing request	LMP, 4.2.2.1, LMP, 4.2.2.3	M	☑	
4/4	Use fixed PIN and request responder to initiator switch	LMP, 4.2.2.2	C.1	☑	C.1: Mandatory to support at least one of 4/4 or 4/5.
4/5	Use variable PIN	LMP, 4.2.2.2	C.1	☑	C.1: Mandatory to support at least one of 4/4 or 4/5.
4/6	Accept initiator to responder switch	LMP, 4.2.2.2	C.2	☑	C.2: Mandatory if 4/5 and (4/1 or 4/2) are supported.
4/7	TSPC_Change_of_IO_Capabilities	LMP, 4.2.7.3.4	C.3	☑	C.3: Mandatory if ESR05 is supported, otherwise Optional.

Table 5: Link Keys

Item	Capability	System Spec Reference	Support	Status	Comment
5/1	Creation of link key - Unit Key	LMP, 4.2.2.4	C.1	☑	C.1: Mandatory to support at least one of 5/1 or 5/2.
5/2	Creation of link key - Combination Key	LMP, 4.2.2.4	C.1	☑	C.1: Mandatory to support at least one of 5/1 or 5/2.
5/3	Initiate change of link key	LMP, 4.2.3	O	☑	
5/4	Accept change of link key	LMP, 4.2.3	M	☑	
5/7	Accept pairing with Unit Key	LMP, 4.2.2.4	O	☑	

Table 6: Encryption

Item	Capability	System Spec Reference	Support	Status	Comment
6/1	Initiate encryption	LMP, 4.2.5.1	C.1	☑	C.1: Optional IF (SUMICS 21/3 "Core Specification 2.0" OR SUMICS 21/4 "2.0+EDR") is supported, otherwise Mandatory.
6/2	Accept encryption requests	LMP, 4.2.5.1	M	☑	
6/5	Key size negotiation	LMP, 4.2.5.2	M	☑	
6/6	Start encryption, as master	LMP, 4.2.5.3	M	☑	
6/7	Accept start of encryption	LMP, 4.2.5.3	M	☑	
6/8	Stop encryption, as master	LMP, 4.2.5.4	M	☑	
6/9	Accept stop of encryption	LMP, 4.2.5.4	M	☑	
6/10	Encryption Pause/Resume	LMP 4.2.5.3	C.2	☑	C.2: Excluded IF (SUMICS 21/3 "Core Specification 2.0" OR SUMICS 21/4 "2.0+EDR") is supported, otherwise Mandatory.

Table 7: Clock Offset Information

Item	Capability	System Spec Reference	Support	Status	Comment
7/1	Request clock offset information	LMP, 4.3.2	O	☑	
7/2	Respond to clock offset requests	LMP, 4.3.2	M	☑	

Table 8: Slot Offset Information

Prerequisite: LMP 2/4

Item	Capability	System Spec Reference	Support	Status	Comment
8/1	Send slot offset information	LMP, 4.4.1	C.1	☑	C.1: Mandatory if 13/1 is supported, otherwise Optional.

Table 9: Timing Accuracy Information

Prerequisite: LMP 2/5

Item	Capability	System Spec Reference	Support	Status	Comment
9/1	Request timing accuracy information	LMP, 4.3.1	O	☑	
9/2	Respond to timing accuracy information requests	LMP, 4.3.1	M	☑	

Table 10: LM Version Information

Item	Capability	System Spec Reference	Support	Status	Comment
10/1	Request LM version information	LMP, 4.3.3	O	☑	
10/2	Respond to LM version information requests	LMP, 4.3.3	M	☑	

Table 11: Feature Support

Item	Capability	System Spec Reference	Support	Status	Comment
11/1	Request supported features	LMP, 4.3.4	C.1	☑	C.1: Mandatory if any of the "Optional" features in Table 2 is supported, otherwise Optional. (LMP:2/1-3), (LMP:2/5), (LMP:2/7-12), (LMP:2/14-16), (LMP:26/1) is requested by the IUT, ELSE Optional.
11/2	Respond to supported features requests	LMP, 4.3.4	M	☑	
11/3	Request extended features mask	LMP, 4.3.4	C.2	☑	C.2: Mandatory if a feature requiring another features page is supported, otherwise Optional.
11/4	Respond to extended features Request	LMP, 4.3.4	C.2	☑	C.2: Mandatory if a feature requiring another features page is supported, otherwise Optional.

Table 12: Name Information

Item	Capability	System Spec Reference	Support	Status	Comment
12/1	Request name information	LMP, 4.3.5	O	☑	
12/2	Respond to name requests	LMP, 4.3.5	M	☑	

Table 13: Role Switch

Item	Capability	System Spec Reference	Support	Status	Comment
13/1	Request Master Slave switch	LMP, 4.4.2	O	☑	
13/2	Accept Master Slave switch requests	LMP, 4.4.2	M	☑	

Table 14: Detach

Item	Capability	System Spec Reference	Support	Status	Comment
14/1	Detach connection	LMP, 4.1.2	M	☑	

Table 14a: Setting Up and Removing Enhanced Data Rate ACL Connection

Prerequisite: LMP 2/17

Item	Capability	System Spec Reference	Support	Status	Comment
14a/1	Enter Enhanced Data Rate	LMP, 4.1.11	C.1	☑	C.1: Mandatory if 2/17 is supported, otherwise Excluded.
14a/2	Exit Enhanced Data Rate	LMP, 4.1.11	C.1	☑	C.1: Mandatory if 2/17 is supported, otherwise Excluded.

Table 14b: Setting Up and Removing Enhanced Data Rate eSCO Connection

Prerequisite: LMP 2/18

Item	Capability	System Spec Reference	Support	Status	Comment
14b/1	Enter and Exit eSCO Using Enhanced Data Rate Packets	LMP, 4.6.2	C.1	☑	C.1: Mandatory if 2/18 is supported, otherwise Excluded.

Table 15: Hold Mode

Prerequisite: LMP 2/7

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 16: Sniff Mode

Item	Capability	System Spec Reference	Support	Status	Comment
16/2	Request sniff mode	LMP, 4.5.3, LMP,	O	☑	

4.5.3.2

16/3	Respond to sniff mode requests (renegotiate or reject)	LMP, 4.5.3.2	M	☑	
16/5	Request un-sniff	LMP, 4.5.3.2	C.1	☑	C.1: Mandatory if 16/2 is supported, otherwise Optional.
16/6	Accept un-sniff requests	LMP, 4.5.3.2	M	☑	
16/7	Sniff Subrating Mode	LMP, 4.5.3.3	C.2	☑	C.2: Excluded IF (SUMICS 21/3 "Core Specification 2.0" OR SUMICS 21/4 "2.0+EDR") is supported, otherwise Mandatory.

Table 17: Park Mode

Prerequisite: LMP 2/9

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 18: Power Control

Item	Capability	System Spec Reference	Support	Status	Comment
18/1	Request to increase power	LMP, 4.1.3	M1	☑	M1: Mandatory if 2/13 is supported.
18/2	Request to decrease power	LMP, 4.1.3	M1	☑	M1: Mandatory if 2/13 is supported.
18/3	Respond when max power reached	LMP, 4.1.3	M2	☑	M2: Mandatory if 2/10 is supported.
18/4	Respond when min power reached	LMP, 4.1.3	M2	☑	M2: Mandatory if 2/10 is supported.

Table 19: Link Supervision Timeout

Item	Capability	System Spec Reference	Support	Status	Comment
19/1	Set link supervision timeout value	LMP, 4.1.6		O	☑
19/2	Accept link supervision timeout setting	LMP, 4.1.6		M	☑

Table 20: Quality of Service

Item	Capability	System Spec Reference	Support	Status	Comment
20/1	Channel quality driven change between DM and DH packet type	LMP, 4.1.7	C.1	☑	C.1: Mandatory if 2/11 is supported (stated in the feature request), otherwise Optional.
20/2	Force/Request change of Quality of Service	LMP, 4.1.8, LMP, 4.1.8.1	M	☑	
20/3	Request Change of Quality of Service	LMP, 4.1.8, LMP, 4.1.8.2	M	☑	

Table 21: SCO Links

Prerequisite: LMP 2/12

Item	Capability	System Spec Reference	Support	Status	Comment
21/1	Initiate SCO links, as Master	LMP, 4.6.1, LMP, 4.6.1.1	O	☑	
21/2	Initiate SCO links, as Slave	LMP, 4.6.1, LMP, 4.6.1.2	O	☑	
21/3	Accept SCO links	LMP, 4.6.1, LMP, 4.6.1.1, LMP, 4.6.1.2	O	☑	
21/4	Remove SCO links, as Master	LMP, 4.6.1, LMP, 4.6.1.5	C.1	☑	C.1: Mandatory if 21/1 is supported, otherwise Optional.
21/5	Remove SCO links, as Slave	LMP, 4.6.1, LMP, 4.6.1.5	C.2	☑	C.2: Mandatory if 21/2 is supported, otherwise Optional.
21/6	Negotiate SCO link parameters, as Master	LMP, 4.6.1, LMP, 4.6.1.3	C.3	☑	C.3: Mandatory if (21/1 or 21/3) is supported, otherwise Optional.
21/7	Negotiate SCO link parameters, as Slave	LMP, 4.6.1, LMP, 4.6.1.4	C.4	☑	C.4: Mandatory if (21/2 or 21/3) is supported, otherwise Optional.

Table 22: Multi-Slot Packets

Item	Capability	System Spec Reference	Support	Status	Comment
22/1	Accept maximum allowed number of slots to be used	LMP, 4.1.10	C.1	☑	C.1: Mandatory if (2/1 and/or 2/2) is supported, otherwise Optional.
22/2	Request maximum number of slots to be used	LMP, 4.1.10	C.1	☑	C.1: Mandatory if (2/1 and/or 2/2) is supported, otherwise Optional.
22/3	Accept request of maximum number of slots to be used	LMP, 4.1.10	C.1	☑	C.1: Mandatory if (2/1 and/or 2/2) is supported, otherwise Optional.

Table 23: Paging Scheme

Item	Capability	System Spec Reference	Support	Status	Comment
23/1	Request page mode to use	LMP, 4.1.9, LMP, 4.1.9.1	O	☑	
23/2	Accept suggested page mode	LMP, 4.1.9, LMP,4.1.9.1	O	☑	
23/3	Request page scan mode to use	LMP, 4.1.9, LMP,4.1.9.2	O	☑	
23/4	Accept suggested page scan mode	LMP, 4.1.9, LMP, 4.1.9.2	O	☑	

Table 24: Connection Establishment

Item	Capability	System Spec Reference	Support	Status	Comment
24/1	Create connection for higher layers	LMP, 4.1.1	M	☑	
24/2	Respond to requests to establish connections for higher layers	LMP, 4.1.1	M	☑	
24/3	Indicate that link set-up is complete	LMP, 4.1.1	M	☑	

Table 25: Test Mode

Item	Capability	System Spec Reference	Support	Status	Comment
25/1	Activate test mode	LMP, 4.7.1	O	☑	
25/2	Ability to reject activation of test mode if test mode is disabled	LMP, 4.7.1	M	☑	
25/3	Control test mode	LMP, 4.7.2	O	☑	
25/4	Ability to reject est mode control commands if test mode is disabled.	LMP, 4.7.2	M	☑	

Table 26: Adaptive Frequency Hopping

Item	Capability	System Spec Reference	Support	Status	Comment
26/1	Support of AFH switch as master	LMP, 4.1.4	O	☑	
26/2	Support of AFH switch as slave	LMP, 4.1.4	M	☑	
26/3	Support of Channel Classification reporting - post Role Switch (as Slave)	LMP, 4.1.5	C.1	☑	C.1: Optional if 26/6 is supported, otherwise Excluded.
26/4	Support of Channel Classification reporting as slave	LMP, 4.1.5	C.2	☑	C.2: Mandatory if 26/6 is supported, otherwise Excluded.
26/5	Support channel classification from host	LMP, 4.1.5	C.3	☑	C.3: Mandatory if 26/1 or 26/4 is supported, otherwise Optional.
26/6	Support of Channel Classification	LMP, 4.1.5	O	☑	

Table 27: Ping

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 28: Coarse Clock Adjustment

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 29: Slot Availability Mask

Item	Capability	System Spec Reference	Support	Status	Comment
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Service Discovery Protocol

Table 1: Support Different Size Capabilities on UUID

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Support for 128 bit UUID	SDP, 2.7.1	M	<input checked="" type="checkbox"/>	
1/2	Support for 32 bit UUID	SDP, 2.7.1	M	<input checked="" type="checkbox"/>	
1/3	Support for 16 bit UUID	SDP, 2.7.1	M	<input checked="" type="checkbox"/>	

Table 1b: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1b/1	Support for server role	SDP, 2.1	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one of the defined roles.

Table 2: Valid Service Search Request

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	Support for respond on search of single Service, using ServiceSearchRequest.	SDP, 4.5	C.2	<input checked="" type="checkbox"/>	C.2: Mandatory if 1b/1 is supported.

Table 3: Invalid Service Search Request

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	Support for error response on Service search request.	SDP, 4.4	M	<input checked="" type="checkbox"/>	

Table 4: Valid Service Attribute Request

Item	Capability	System Spec Reference	Support	Status	Comment
4/1	Support for respond on search of Attribute(s)	SDP, 4.6	M	<input checked="" type="checkbox"/>	

Table 5: Invalid Service Attribute Request

Item	Capability	System Spec Reference	Support	Status	Comment
5/1	Support for error response on Attribute search request.	SDP, 4.4	M	<input checked="" type="checkbox"/>	

Table 6: Valid Service Search Attribute Request

Item	Capability	System Spec Reference	Support	Status	Comment
6/1	Support for respond on search for Service(s) and Attribute(s)	SDP, 4.7	M	<input checked="" type="checkbox"/>	

Table 7: Invalid Service Search Attribute Request

Item	Capability	System Spec Reference	Support	Status	Comment
7/1	Support for error response on Service and Attribute request.	SDP, 4.4	M	<input checked="" type="checkbox"/>	

Table 8: Service Browsing

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Item	Capability	System Spec Reference	Support	Status	Comment
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Table 9: Attributes Present in IUT

Item	Capability	System Spec Reference	Support	Status	Comment
9/1	ServiceID	SDP, 5.1.4	O	☑	
9/2	ProtocolDescriptorList	SDP, 5.1.5	O	☑	
9/6	LanguageBaseAttributedIdList	SDP, 5.1.8	O	☑	
9/9	ServiceName	SDP, 5.1.15	O	☑	
9/11	ProviderName	SDP, 5.1.17	O	☑	
9/12	VersionNumberList	SDP, 5.2.3	O	☑	
9/13	ServiceDataBaseState	SDP, 5.2.4	O	☑	
9/14	BluetoothProfileDescriptorList	SDP, 5.1.11	O	☑	
9/17	AdditionalProtocolDescriptorList	SDP, 5.1.6	C.1	☑	C.1: Optional if 9/2 is supported, otherwise Excluded.
9/18	ServiceRecordHandle	SDP, 5.1.1	M	☑	
9/19	ServiceClassIDList	SDP, 5.1.2	M	☑	

Generic Access Profile

Generic Access Profile

Table 0: Device Configuration

Item	Capability	System Spec Reference	Support	Status	Comment
0/1	BR/EDR	[1] or [2] or [3] or [7] 1.1	C.1	☑	C.1: Mandatory if (PROD 3/1 or 3/2) is Supported, otherwise excluded.

Table 0a: Version Configuration

Item	Capability	System Spec Reference	Support	Status	Comment
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0a/5	Core Spec version 5.0 (Core v5.0), Adopted 06 December 2016	Core v5.0	C.5	☑	C.5: Mandatory IF SUMICS 31/18 “(Core Spec Version 5.0)” is supported, otherwise Excluded.
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Table 1: Modes

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Non-discoverable mode	[1] or [2] or [3] or [7] 4.1.1	C.1	☑	C.1: Mandatory if 1/2 is supported, otherwise Optional.
1/2	Limited-discoverable mode	[1] or [2] or [3] or [7] 4.1.2	O	☑	
1/3	General-discoverable mode	[1] or [2] or [3] or [7] 4.1.3	O	☑	
1/4	Non-connectable mode	[1] or [2] or [3] or [7] 4.2.1	O	☑	
1/5	Connectable mode	[1] or [2] or [3] or [7] 4.2.2	M	☑	
1/6	Non-bondable mode	[1] or [2] or [3] or [7] 4.3.1	O	☑	
1/7	Bondable mode	[1] or [2] or [3] or [7] 4.3.2	C.2	☑	C.2: Mandatory if 3/5 is supported, otherwise Optional.

Table 2: Security Aspects

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	Authentication procedure	[1] or [2] or [3] or [7] 5.1	C.1	☑	C.1: Mandatory If (2/5 or 2/6) is supported, otherwise Optional.
2/2	Support of LMP-Authentication	[1] or [2] or [3] or [7] 5.1	M	☑	
2/3	Initiate LMP-Authentication	[1] or [2] or [3] or [7]	C.5	☑	C.5: Mandatory If (2/5 or 2/6 or 2/7) is supported, otherwise Optional.

2/5	Security mode 2	[1] or [2] or [3] or [7] 5.2.1.2	O	☑	
2/7	Security mode 4	[2] or [3] or [7] 5.2.2	C.4	☑	C.4: Mandatory if (Core Spec 2.1 or later) is supported, otherwise Excluded.
2/8	Support of Authenticated link key	[2] or [3] or [7] 5.2.2	C.6	☑	C.6: If 2/7 is supported then at least one of (2/8 or 2/9 or 2/10) is Mandatory, otherwise Excluded.
2/9	Support of Unauthenticated link key	[2] or [3] or [7] 5.2.2	C.6	☑	C.6: If 2/7 is supported then at least one of (2/8 or 2/9 or 2/10) is Mandatory, otherwise Excluded.
2/10	Security Optional	[2] or [3] or [7] 5.2.2	C.6	☑	C.6: If 2/7 is supported then at least one of (2/8 or 2/9 or 2/10) is Mandatory, otherwise Excluded.

Table 3: Idle Mode Procedures

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 4: Establishment Procedures

Item	Capability	System Spec Reference	Support	Status	Comment
4/1	Support link establishment as initiator	[1] or [2] or [3] or [7] 7.1	M	☑	
4/2	Support link establishment as acceptor	[1] or [2] or [3] or [7] 7.1	M	☑	
4/4	Support channel establishment as acceptor	[1] or [2] or [3] or [7] 7.2	M	☑	
4/5	Support connection establishment as initiator	[1] or [2] or [3] or [7] 7.3	O	☑	
4/6	Support connection establishment as acceptor	[1] or [2] or [3] or [7] 7.3	O	☑	

Table 5: LE Roles

Prerequisite: GAP 0/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 6: Broadcaster Physical Layer

Prerequisite: GAP 38/1 or GAP 5/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 7: Broadcaster Link Layer States

Prerequisite: GAP 38/1 or GAP 5/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 8: Broadcaster Link Layer Advertising Event Types

Prerequisite: GAP 38/1 or GAP 5/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 8a: Broadcaster Link Layer Advertising Data Types

Prerequisite: GAP 38/1 or GAP 5/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 9: Broadcaster Connection Modes and Procedures

Prerequisite: GAP 38/1 or GAP 5/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 10: Broadcaster Broadcasting and Observing Features

Prerequisite: GAP 38/1 or GAP 5/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 11: Broadcaster Privacy Feature

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 11a: Periodic Advertising Modes and Procedures

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 12: Observer Physical Layer

Prerequisite: GAP 38/2 or GAP 5/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 13: Observer Link Layer States

Prerequisite: GAP 38/2 or GAP 5/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 14: Observer Link Layer Scanning Types

Prerequisite: GAP 38/2 or GAP 5/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 15: Observer Connection Modes and Procedures

Prerequisite: GAP 38/2 or GAP 5/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 16: Observer Broadcasting and Observing Features

Prerequisite: GAP 38/2 or GAP 5/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 17: Observer Privacy Feature

Prerequisite: GAP 38/2 or GAP 5/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 17a: Periodic Advertising Modes and Procedures

Prerequisite: GAP 38/2 or GAP 5/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 18: Peripheral Physical Layer

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 19: Peripheral Link Layer States

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 20: Peripheral Link Layer Advertising Event Types

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 20A: Peripheral Link Layer Advertising Data Types

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 21: Peripheral Link Layer Control Procedures

Prerequisite: GAP 38/3 or GAP 5/3

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Item	Capability	System Spec Reference	Support	Status	Comment
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Table 22: Peripheral Discovery Modes and Procedures

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 23: Peripheral Connection Modes and Procedures

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 24: Peripheral Bonding Modes and Procedures

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 25: Peripheral Security Aspects Features

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 26: Peripheral Privacy Feature

Prerequisite: GAP 38/3 or GAP 5/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 27: Peripheral GAP Characteristics

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 28: Central Physical Layer

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 29: Central Link Layer States

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 30: Central Link Layer Scanning Types

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 31: Central Link Layer Control Procedures

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 32: Central Discovery Modes and Procedures

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 33: Central Connection Modes and Procedures

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 34: Central Bonding Modes and Procedures

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 35: Central Security Features

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 36: Central Privacy Feature

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 37: Central GAP Characteristics

Prerequisite: GAP 38/4 or GAP 5/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 38: BR/EDR/LE Roles

Prerequisite: GAP 0/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 39: Central BR/EDR/LE Modes

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 40: Central BR/EDR/LE Idle Mode Procedures

Prerequisite: GAP 38/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 41: Central BR/EDR/LE Security Aspects

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 42: Peripheral BR/EDR/LE Modes

Prerequisite: GAP 38/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 43: Peripheral BR/EDR/LE Security Aspects

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 44: Central Simultaneous BR/EDR and LE Transports

Prerequisite: GAP 38/4

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 45: Peripheral Simultaneous BR/EDR and LE Transports

Prerequisite: GAP 38/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Logical Link Control and Adaption Protocol

Table 2: General Operation

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	Support of L2CAP signalling channel	[1] 2.2	C.20	☑	C.20: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.
2/2	Support of	[1] 7.1	C.20	☑	C.20: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.

	configuration process				
2/3	Support of connection oriented data channel	[1] 2.2	C.20	☑	C.20: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.
2/4	Support of command echo request	[1] 4.8	C.21	☑	C.21: Optional if (0/1 or 0/3) is supported, otherwise Excluded.
2/5	Support of command echo response	[1] 4.9	C.20	☑	C.20: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.
2/7	Support of command information response	[1] 4.11	C.20	☑	C.20: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.
2/35	Unicast Connectionless Data, Reception	[3] 3.3, 7.6	C.1/C.16	☑	C.1: Mandatory to support at least one of (2/12 or 2/13 or 2/35) if (0/1 or 0/3) and (CSA 1 or Core Spec 3.0 or 3.0+HS or 4.0 or 4.0+HS) are supported, otherwise Optional. C.16: Optional if (Core Spec 3.0 or later) is supported, otherwise Excluded.

Table 3: Configurable Parameters

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	Support of RTX timer	[1] 6.2.1	M	☑	
3/2	Support of ERTX timer	[1] 6.2.2	C.4	☑	C.4: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.
3/3	Support minimum MTU size 48 octets	[1] 5.1	C.4	☑	C.4: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.
3/5	Support of flush timeout value for reliable channel	[1] 5.2	C.4	☑	C.4: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.
3/7	Support of bi-directional quality of service (QoS) option field	[1] 5.3	C.1	☑	C.1: Mandatory if 3/8 is supported, otherwise Optional.
3/8	Negotiate QoS service type	[1] 5.3	C.5	☑	C.5: Optional if (0/1 or 0/3) is supported, otherwise Excluded.
3/10	Negotiate and support service type 'Best effort'	[1] 5.3	C.3	☑	C.3: Mandatory if 3/8 is supported, otherwise Excluded.

Table 0: L2CAP Transport Configuration

Item	Capability	System Spec Reference	Support	Status	Comment
0/1	BR/EDR (includes possible support of GAP LE Broadcaster or LE Observer roles)	[1] 1.1, [2] 1.1	C.1	☑	C.1 Mandatory if (PROD 1/1 or 1/4) and (PROD 3/1 or 3/2) are Supported (End Product or Host Subsystem with BR or BR/HS Host CC), otherwise Excluded. Optional for PROD 1/2 or 1/3 (Components).

Table 1: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Data Channel Initiator	[1] 2	C.3	☑	C.3: Optional if (L2CAP 0/1 OR L2CAP 0/3) is claimed, ELSE Excluded.
1/2	Data Channel Acceptor	[1] 2	C.1	☑	C.1: Mandatory if (0/1 or 0/3) is supported, otherwise Excluded.

Serial Port Profile

Table 0: Profile Version

Item	Capability	System Spec Reference	Support	Status	Comment
0/2	SPP v1.2	SPP v1.2	C.1	☑	C.1: Mandatory to support only one Profile version.

Table 1: Device Role

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Device A (DevA)	SPP, 2.2	C.1	☑	
1/2	Device B (DevB)	SPP, 2.2	O.1	☑	O.1: Mandatory to support at least One of the defined roles.

Table 2: Support of Serial Profile Service

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	Support of Serial Profile Service	SPP, 1.2	C.1	☑	C.1: Mandatory for devices that support Serial Profile for serial cable emulation as a Bluetooth service. Irrelevant for devices that support Serial Profile for usage by another application profile e.g. FAX, DUN, HFP

Table 3: Application procedures

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	Establish link and set up virtual serial connection	SPP, 3.1	C.1	☑	C.1: Mandatory for DeviceA, Irrelevant for DeviceB
3/2	Accept link and virtual serial connection establishment	SPP, 3.1	C.2	☑	C.2: Mandatory for DeviceB, Irrelevant for DeviceA
3/3	Register Service record for application in local SDP database	SPP, 3.1	C.2	☑	C.2: Mandatory for DeviceB, Irrelevant for DeviceA

Table 4: Service Prot Profile Record Content (SerialPort UUID)

Item	Capability	System Spec Reference	Support	Status	Comment
4/1	SerialPort service class (UUID16: 0x1101)	SPP, 6.1	C.1	☑	C.1: Mandatory for role B, if capability Support of Serial Profile Service (SPP, 2/1) supported. Irrelevant for Role A
4/2	Protocol0, L2CAP	SPP, 6.1	C.1	☑	C.1: Mandatory for role B, if capability Support of Serial Profile Service (SPP, 2/1) supported. Irrelevant for Role A
4/3	Protocol1, RFCOMM	SPP, 6.1	C.1	☑	C.1: Mandatory for role B, if capability Support of Serial Profile Service (SPP, 2/1) supported. Irrelevant for Role A
4/4	Server Channel number	SPP, 6.1	C.1	☑	C.1: Mandatory for role B, if capability Support of Serial Profile Service (SPP, 2/1) supported. Irrelevant for Role A
4/6	BluetoothProfileDescriptorList	SPP 6.1	C.3	☑	C.3: Mandatory to support if 2/1 (Support of Serial Profile Service) AND 0/2 (SPP v1.2) are supported, otherwise Optional.

Table 5: Encryption

Item	Capability	System Spec Reference	Support	Status	Comment
5/2	Accept Encryption Request	SPP 2.4	M	☑	
5/3	Point to Point Encryption	SPP 7.1	M	☑	
5/4	Stop Encryption	SPP 7.1	M	☑	

RFCOMM

Table 0: Protocol Version

Item	Capability	System Spec Reference	Support	Status	Comment
0/1	RFCOMM1.1 with TS 07.10	RFCOMM1.1	C.1	☑	C.1: Mandatory to support one and only one of the protocol versions.

Table 1: RFCOMM

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Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Initialize RFCOMMsession	5.2.1	C.2	☑	C.2: Mandatory if SPP 1/1 (Device A) is supported, otherwise Excluded.
1/2	Respond to initialisation of an RFCOMM session	5.2.1	C.1	☑	C.1: Mandatory if SPP 1/2 (Device B) is supported, otherwise Excluded.
1/3	Shutdown RFCOMMsession	5.2.2	M	☑	
1/4	Respond to a shutdown for an RFCOMM session	5.2.2	M	☑	
1/5	Establish DLC	5.2.1	C.2	☑	C.2: Mandatory if SPP 1/1 (Device A) is supported, otherwise Excluded.
1/6	Respond to establishment of a DLC	5.2.1	C.1	☑	C.1: Mandatory if SPP 1/2 (Device B) is supported, otherwise Excluded.
1/7	Disconnect DLC	5.2	M	☑	
1/8	Respond to disconnection of a DLC	5.2	M	☑	
1/9	Respond to and send MSC command	2.2	M	☑	
1/10	Initiate Transfer Information	5.1	M	☑	
1/11	Respond to Test command	4.3	M	☑	
1/13	React to aggregate flow control	6.3	M	☑	
1/14	Respond to RLS command	5.5.2	M	☑	
1/16	Respond to PN command	5.5.3	M	☑	
1/17	Send PN command	5.5.3	C.3	☑	C.3: Mandatory if SPP 1/1 (Device A) is supported, otherwise Optional.
1/19	Respond to RPN command	5.5.1	M	☑	
1/22	Support of Credit Based Flow Control	6.5	M	☑	

Advanced Audio Distribution Profile

A2DP

Table 0: Profile Version

Item	Capability	System Spec Reference	Support	Status	Comment
0/3	A2DP 1.3	A2DP 1.3	C.1	☑	C.1: Mandatory to support one and only one major profile version.

Table 0a: Minor Profile Version (X.Y.Z)

Prerequisite: A2DP 0/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 1: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1/2	Sink (SNK)	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one of the defined roles.

Table 2: A2DP SRC Features

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 3: Supported Codecs in SRC

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 3a: Supported Codec Features in SRC

Prerequisite: A2DP 3/1

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Item	Capability	System Spec Reference	Support	Status	Comment
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Table 4: A2DP Sink Features

Item	Capability	System Spec Reference	Support	Status	Comment
4/2	Accept Connection Establishment	[4] 4.1.1	M	☑	
4/4	Accept Start Streaming	[4] 4.1.2	M	☑	
4/5	Receive Audio Stream	[1] 3.2.1	M	☑	
4/7	Accept Connection Release	[4] 4.1.3	M	☑	
4/9	Accept Suspend	[4] 4.1.4	O	☑	
4/10	SBC Decoder	[1] 4.3	M	☑	
4/11	SBC Configurations in 16 KHz sampling frequency rate	[1] 4.3.2.1	O	☑	
4/12	SBC Configurations in 32 KHz sampling frequency rate	[1] 4.3.2.1	O	☑	
4/13	SBC Configurations in 44.1 KHz sampling frequency rate	[1] 4.3.2.1	M	☑	
4/14	SBC Configurations in 48 KHz sampling frequency rate	[1] 4.3.2.1	M	☑	
4/15	Delay Reporting	[1] 5.1.1.2, [4] 4.1.8	C.1	☑	C.1: Mandatory to support IF A2DP 0/3 “(A2DP 1.3)” is supported, otherwise Excluded.

Table 5: Supported codecs in SNK

Item	Capability	System Spec Reference	Support	Status	Comment
5/1	SBC decoder - D1 & D2	[1] 4.3 & Appendix B, [3] Appendix A	M	☑	

Table 5a: Supported Codec Features in SNK

Prerequisite: A2DP 5/1

Item	Capability	System Spec Reference	Support	Status	Comment
5a/1	Channel Mode - Mono	[1] 4.3.2.2	M	☑	
5a/2	Channel Mode - Dual Channel	[1] 4.3.2.2	M	☑	
5a/3	Channel Mode - Stereo	[1] 4.3.2.2	M	☑	
5a/4	Channel Mode - Joint Stereo	[1] 4.3.2.2	M	☑	
5a/5	Block Length 4	[1] 4.3.2.3	M	☑	
5a/6	Block Length 8	[1] 4.3.2.3	M	☑	
5a/7	Block Length 12	[1] 4.3.2.3	M	☑	
5a/8	Block Length 16	[1] 4.3.2.3	M	☑	
5a/9	Subbands - 4	[1] 4.3.2.4	M	☑	
5a/10	Subbands - 8	[1] 4.3.2.4	M	☑	
5a/11	Allocation - SNR	[1] 4.3.2.5	M	☑	
5a/12	Allocation - Loudness	[1] 4.3.2.5	M	☑	

A/V Remote Control Profile

Table 0: No Longer Used

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 1: Roles

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Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Controller	2.2	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one of the defined roles.

Table 2b: Controller Major Profile Version (X.Y)

Item	Capability	System Spec Reference	Support	Status	Comment
2b/5	AVRCP v1.6	AVRCP v1.6	C.1	<input checked="" type="checkbox"/>	C.1: It is mandatory to support one of the profile versions.

Table 2c: Controller Minor Profile Version (X.Y.Z)

Prerequisite: AVRCP 2b/5

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 7b: Target Major Profile Version (X.Y)

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 7c: Target Minor Profile Version (X.Y.Z)

Prerequisite: AVRCP 7b/5

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 2: Controller Features

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	Initiating connection establishment for control	4.1.1	M	<input checked="" type="checkbox"/>	
2/2	Accepting connection establishment for control initiated by TG	4.1.1	M	<input checked="" type="checkbox"/>	
2/3	Initiating connection release for control	4.1.2	M	<input checked="" type="checkbox"/>	
2/4	Accepting connection release for control initiated by TG	4.1.2	M	<input checked="" type="checkbox"/>	
2/7	Sending PASS THROUGH command in category 1	4.1.3	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one of the defined categories (2/7 through 2/10).
2/22	Register Notification	AVRCP 1.3 - 5.4.2	C.11	<input checked="" type="checkbox"/>	C.11: Mandatory if 2/20 or 2/49 is supported, otherwise Optional.
2/52	Discoverable Mode	AVRCP 1.4 - 12.1	M	<input checked="" type="checkbox"/>	

Table 3: Operation_id of Category 1 for CT

Item	Capability	System Spec Reference	Support	Status	Comment
3/19	play	See Comments	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one if 2/7 is supported.
3/21	pause	See Comments	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one if 2/7 is supported.
3/26	forward	See Comments	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one if 2/7 is supported.
3/27	backward	See Comments	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one if 2/7 is supported.

Table 4: Operation_id of category 2 for CT

Prerequisite: AVRCP 2/8

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 5: Operation_id of category 3 for CT

Prerequisite: AVRCP 2/9

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 6: Operation_id of category 4 for CT

Prerequisite: AVRCP 2/10

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 14: OBEX Operations (AVRCP CT, OBEX Client)

Prerequisite: AVRCP 2/54

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 7: Target Features

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 8: Operation_id of category 1 for TG

Prerequisite: AVRCP 7/7

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 9: Operation_id of category 2 for TG

Prerequisite: AVRCP 7/8

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 10: Operation_id of category 3 for TG

Prerequisite: AVRCP 7/9

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 11: Operation_id of category 4 for TG

Prerequisite: AVRCP 7/10

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 15: OBEX Operations (AVRCP TG, OBEX Server)

Prerequisite: AVRCP 7/67

Item	Capability	System Spec Reference	Support	Status	Comment
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Generic A/V Distribution Profile

Table 0: Profile Version

Item	Capability	System Spec Reference	Support	Status	Comment
0/3	GAVDP 1.3	GAVDP 1.3	C.1	☑	C.1: Mandatory to support only one Profile version.

Table 0a: This table is intentionally left blank

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 1: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1/2	Acceptor	2.2	C.1	☑	C.1: It is Mandatory to support at least One of the defined roles.
1/3	DelayReporting Initiator	4.1.1	C.2	☑	C.2: Optional if 0/3 is supported, otherwise Excluded.

The Generic Audio/Video Distribution Profile requires compliance with the Audio/Video Distribution Transport Protocol (AVDTP). It inherists the "mandatory", "optional", "conditional" and "excluded" definitions from the Audio/Video Distribution Trans

Table 2: GAVDP Procedures (Initiator)

Item	Capability	System Spec Reference	Support	Status	Comment
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The Generic Audio/Video Distribution Profile requires compliance with the Audio/Video Distribution Transport Protocol (AVDTP). It inherists the "mandatory", "optional", "conditional" and "excluded" definitions from the Audio/Video Distribution Trans

Table 3: GAVDP Procedures (Acceptor)

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	Connection Establishment	4.1.1, 4.1.2 4.1.3	M	☑	
3/2	Transfer Control - Suspend	4.1.4	O	☑	
3/4	Start Streaming	4.1.2	M	☑	
3/5	Connection Release	4.1.3	M	☑	
3/6	Signaling Control - Abort	4.1.6	M	☑	
3/8	Delay Reporting	4.1.8	C.1	☑	C.1: Optional if 0/3 is supported, otherwise Excluded.

Audio Video Distribution Transport Protocol

Table 0: Versions

Item	Capability	System Spec Reference	Support	Status	Comment
0/3	AVDTP 1.3	AVDTP 1.3	C.1	☑	C.1: Mandatory to support one and only one protocol version.

Table 1: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1/2	Sink	[1] 4.2	C.1	☑	C.1: Mandatory to support at least one of the defined roles.
1/4	Acceptor	[1] 4.3	C.2	☑	C.2: It is within the scope of profiles using the AVDTP specification to mandate Initiator/Acceptor capabilities. Mandatory to support at least one of the defined roles.

Table 16: Message Error Handling Capabilities

Item	Capability	System Spec Reference	Support	Status	Comment
16/1	Reporting Capability Error	[2] 8.18.6.2, [3] 8.20.6.2	C.1	☑	C.1: Mandatory IF 0/2 "AVDTP 1.2" OR 0/3 "AVDTP 1.3" is supported, otherwise Optional.
16/3	General Reject Response Includes Signal ID	[3] 8.18	C.3	☑	C.3: Mandatory IF 0/3 "AVDTP 1.3" is supported, otherwise Optional.

Table 17: Upper Test Interface

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 18: L2CAP Capabilities

Item	Capability	System Spec Reference	Support	Status	Comment
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Initiator Source and Sink

Table 2: Signalling message format (Initiator, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 2b: Signaling Message Format (Initiator, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 3: Signalling channel establishment/disconnection (Initiator, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 3b: Signaling Channel Establishment/Disconnection (Initiator, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 4: Stream discovery and configuration (Initiator, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 4b: Stream Discovery and Configuration (Initiator, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 5: Stream establishment, suspension and release (Initiator, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 5b: Stream Establishment, Suspension and Release (Initiator, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 6: Security signalling (Initiator, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 6b: Security Signaling (Initiator, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 7: Message fragmentation (Initiator, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 7b: Message Fragmentation (Initiator, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Acceptor Source and Sink

Table 8: Signaling Message Format (Acceptor, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 8b: Signaling Message Format (Acceptor, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
8b/1	Transaction Label	[1] 8.4.1	M	☑	
8b/2	Packet Type	[1] 8.4.2	M	☑	
8b/3	Message Type	[1] 8.4.3	M	☑	

8b/4	Signal Identifier	[1] 8.4.4	M	✓
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Table 9: Signalling channel establishment/disconnection (Acceptor, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 9b: Signaling Channel Establishment/Disconnection (Acceptor, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 10: Stream discovery and configuration (Acceptor, Source)

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 10b: Stream Discovery and Configuration (Acceptor, Sink)

Item	Capability	System Spec Reference	Support	Status	Comment
10b/1	Stream discover response	[1] 6.4, 6.6, 8.6, 13.1	O	✓	
10b/2	Stream get capabilities response	[1] 6.4, 6.7, 8.7, 13.1	C.2	✓	C.2: Mandatory IF 10b/6 “Stream get all capabilities response” is supported, otherwise Optional.
10b/3	Set configuration response	[1] [2] 6.4, 6.8, 8.8, 13.1 [3] 6.4, 6.9, 8.9, 13.1	O	✓	
10b/6	Stream get all capabilities response	[3] 6.4, 6.8, 8.8, 13.1	C.1	✓	C.1: Optional IF 0/3 “AVDTP 1.3” is supported, otherwise Excluded.

Table 11: Stream establishment, suspension and release (Acceptor, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 11b: Stream Establishment, Suspension and Release (Acceptor, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
11b/1	Open stream response	[1] [2] 6.4, 6.10, 8.11, 13.1 [3] 6.4, 6.11, 8.12, 13.1	O	✓	
11b/2	Start stream response	[1] [2] 6.4, 6.11, 8.12, 13.1 [3] 6.4, 6.12, 8.13, 13.1	O	✓	
11b/3	Close stream response	[1] [2] 6.4, 6.12, 8.13, 13.1 [3] 6.4, 6.13, 8.14, 13.1	O	✓	
11b/4	Suspend response	[1] [2] 6.4, 6.13, 8.14, 13.1 [3] 6.4, 6.14, 8.15, 13.1	O	✓	
11b/5	Abort stream response	[1] [2] 6.4, 6.16, 8.15, 13.1 [3] 6.4, 6.17, 8.16, 13.1	O	✓	
11b/6	General reject message	[2] 8.17, [3] 8.18	O	✓	

Table 12: Security signalling (Acceptor, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 12b: Security Signaling (Acceptor, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 13: Message fragmentation (Acceptor, Source)

Prerequisite: AVDTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 13b: Message Fragmentation (Acceptor, Sink)

Prerequisite: AVDTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
13b/1	Signaling message fragmentation	[1] 8.3	M	<input checked="" type="checkbox"/>	

Table 14: Source capabilities

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 15: Sink capabilities

Item	Capability	System Spec Reference	Support	Status	Comment
15/1	Basic transport service support	[1] 7.2, 13.2	M	<input checked="" type="checkbox"/>	

Table 16x: No Longer Used - See Table 16 in Role Declaraton Section

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 17x: No Longer Used - See Table 17 in Role Declaration Section

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 18x: No Longer Used - See Table 18 in Role Declaration Section

Item	Capability	System Spec Reference	Support	Status	Comment
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Audio/Video Control Transport Protocol

Table 0: Protocol Version

Item	Capability	System Spec Reference	Support	Status	Comment
0/4	AVCTP 1.4	AVCTP 1.4	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support only one Protocol Version.

Table 1: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Controller	3.1	C.1	<input checked="" type="checkbox"/>	C.1: Mandatory to support at least one of the defined roles.

Table 2: Controller Features

Prerequisite: AVCTP 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
2/2	Transaction label management	4.2, 6.1.1, 6.1.2	M	<input checked="" type="checkbox"/>	
2/3	Packet type field management	4.3, 6.1.1, 6.1.2	M	<input checked="" type="checkbox"/>	
2/4	Message type field management	4.5, 6.1.1, 6.1.2	M	<input checked="" type="checkbox"/>	
2/5	PID field management	4.4, 6.1.1. 6.1.2	M	<input checked="" type="checkbox"/>	
2/6	IPID field mangement	6.1.1, 6.1.2	M	<input checked="" type="checkbox"/>	
2/7	Message information management	6.1, 6.2	M	<input checked="" type="checkbox"/>	

Table 3: Target Features

Prerequisite: AVCTP 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Interoperability Test Specification

Table 1: Interoperability Test Specification

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	Interoperability	IOP	M	☑	

Table 2: Design Configuration

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	BR/EDR	GAP 0/1	C.1	☑	C.1: Mandatory to support one and only one transport.

Hands-Free Profile

Table 0: Profile Version

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 0a: AG Major Profile Version (X.Y)

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 0b: HF Major Profile Version

Item	Capability	System Spec Reference	Support	Status	Comment
0b/3	Hands-Free Profile 1.7	HFP 1.7	C.1	☑	C.1: Mandatory to support one and only one profile version.

Table 0c: AG Minor Profile Version (X.Y.Z)

Prerequisite: HFP 0a/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 0d: HF Minor Profile Version (X.Y.Z)

Prerequisite: HFP 0b/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 1: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1/2	Hands-Free (HF)	2.2	C.1	☑	C.1: It is mandatory to support at least one of the defined roles.

Table 2: Audio Gateway Role

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 3: Capabilities of the HF

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	Connection Management	4.2; 4.3	M	☑	
3/2a	Phone Status Information (“service” and “call” indicators)	4.4; 4.10	M	☑	
3/3	Audio connection handling	4.11; 4.12	M	☑	
3/3b	eSCO support in Audio Connection	5.7.1	C.7	☑	C.7: Mandatory IF 3/26 (S4 Setting) OR 3/24 (Wide Band Speech service) is supported, otherwise Optional.
3/4a	Accept an incoming voice call (in-band ring)	4.13	M	☑	
3/4b	Accept an incoming voice call (no in-	4.13	M		

	band ring)				☑	
3/5	Reject an incoming voice call	4.14	M		☑	
3/6	Terminate a call	4.15	M		☑	
3/7	Audio connection transfer during an ongoing call	4.16; 4.17	M		☑	
3/7a	HF-initiated Audio transfer to AG during ongoing call	4.17	O		☑	
3/11	Call waiting notification	4.21	O		☑	
3/12	Three Way Calling	4.22	O		☑	
3/12b	Three way calling (AT+CHLD values 1 and 2)	4.22	C.1		☑	C.1 Mandatory if (3/12); otherwise Excluded.
3/13	Calling Line Identification (CLI)	4.23	O		☑	
3/14	Echo cancelling (EC) and Noise reduction (NR)	4.24	O		☑	
3/15	Voice recognition activation/deactivation	4.25	O		☑	
3/18a	Remote audio volume control – speaker	4.28.1	O		☑	
3/18c	Volume Level Synchronization – speaker	4.28.2	C.3		☑	C.3 Mandatory if 3/18a or 3/18b, otherwise Optional.
3/18e	HF informs AG about local changes of audio volume	4.28.2	O		☑	
3/22	Support for automatic link loss recovery	4.3	O		☑	
3/26	Support CVSD eSCO S4 setting	HFP 1.7 - 5.7.3	C.9		☑	C.9: Excluded IF HFP 0b/1 (HFP v1.5) OR HFP 0b/2 (HFP v1.6) is supported, otherwise Mandatory.

Table 4: Requirements towards the Link Control Procedures of the Serial Port Profile (AG and HF)

Item	Capability	System Spec Reference	Support	Status	Comment
4/1	CVSD audio coding over SCO	2.3	M		☑
4/3	CVSD audio coding over eSCO (Initiating)	HFP 1.7 - 5.7.3	C.2		☑ C.2: Mandatory IF HFP 2/3b (eSCO support in Audio Connection - AG) OR HFP 3/3b (eSCO support in Audio Connection - HF); otherwise Excluded.
4/4	CVSD audio coding over eSCO (Accepting)	HFP 1.7 - 5/7/3	C.2		☑ C.2: Mandatory IF HFP 2/3b (eSCO support in Audio Connection - AG) OR HFP 3/3b (eSCO support in Audio Connection - HF); otherwise Excluded.

Table 8: Additional Hands-Free Capabilities

Item	Capability	System Spec Reference	Support	Status	Comment
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Human Interface Device 1.1

Table 0: Major Versions (X.Y)

Item	Capability	System Spec Reference	Support	Status	Comment
0/1	Human Interface Device 1.1	N/A	C.1		☑ C.1: Mandatory to support one and only one profile version.

Table 0a: Minor Versions (X.Y.Z)

Prerequisite: HID 1.1 0/1

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 1: Roles

Item	Capability	System Spec Reference	Support	Status	Comment
1/1	General HID Host, Report protocol	2.1.2	C.1/C.2		☑ C.1: Only one of these shall be supported. C.2: It is mandatory to support at least one of these roles.

1/4	HID Device Role	2.1.2	C.2	☑	C.2: It is mandatory to support at least one of these roles.
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Table 2: Application Procedures

Prerequisite: HID 1.1 1/1 or HID 1.1 1/2 or HID 1.1 1/3

Item	Capability	System Spec Reference	Support	Status	Comment
2/1	Host initiated HID connection establishment	5.2.2	C.1	☑	C.1: Mandatory to support IF (1/1) OR (1/3) is supported otherwise optional.
2/3	Terminate HID connection	5.2.2	C.2	☑	C.2: Mandatory to support IF (1/1) is supported otherwise optional.
2/4	Accept Termination of HID connection	5.2.2	M	☑	
2/5	Support for virtual cables	4.5	C.3	☑	C.3: Mandatory to support IF (1/1) OR (2/6) OR (2/7) is supported otherwise optional.
2/6	Device initiated reconnection	5.4.2	C.2	☑	C.2: Mandatory to support IF (1/1) is supported otherwise optional.
2/7	Host initiated reconnection	5.4.2	C.2	☑	C.2: Mandatory to support IF (1/1) is supported otherwise optional.

Table 3: Report Protocol Transfers for General Hosts

Prerequisite: HID 1.1 1/1

Item	Capability	System Spec Reference	Support	Status	Comment
3/1	Report Protocol Device to Host reports on Control channel (Get_Report)	3.2	M	☑	
3/2	Report Protocol Device to Host reports on Interrupt channel	3.2	M	☑	
3/4	Report Protocol Host to Device reports on Interrupt channel	3.2	M	☑	
3/5	Report Protocol Host to Device reports on Control channel (Set_Report) for feature reports	3.2	M	☑	

Table 4: Report Protocol Transfers for Limited Hosts

Prerequisite: HID 1.1 1/2

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 5: Boot Protocol Transfers

Prerequisite: HID 1.1 1/3

Item	Capability	System Spec Reference	Support	Status	Comment
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Table 6: HID Control Commands

Prerequisite: HID 1.1 1/1 or HID 1.1 1/2 or HID 1.1 1/3

Item	Capability	System Spec Reference	Support	Status	Comment
6/3	Set_Report command	3.1.2.4	C.2	☑	C.2: Mandatory IF (3/3) OR (3/5) OR (4/3) OR (4/5) OR (5/3) is supported otherwise optional.
6/4	Get_Report command	3.1.2.3	C.3	☑	C.3: Mandatory IF (3/1) OR (4/1) OR (5/1) is supported otherwise optional.
6/7	Receiving HID_CONTROL VC_UNPLUG	3.1.2.2	C.5	☑	C.5: Mandatory IF (2/5) is supported otherwise optional.

Table 7: Link Manager Procedures

Prerequisite: HID 1.1 1/1 or HID 1.1 1/2 or HID 1.1 1/3

Item	Capability	System Spec Reference	Support	Status	Comment
7/2	Security Mode 4 with Just Works	5.4.3	C.1	☑	C.1: At least one of (7/2), (7/3), (7/4) or (7/5) shall be declared. (7/2) is forbidden if (7/1) is TRUE.
7/3	Security Mode 4 with Numeric Comparison	5.4.3	C.1	☑	C.1: At least one of (7/2), (7/3), (7/4) or (7/5) shall be declared. (7/2) is forbidden if (7/1) is TRUE.
7/4	Security Mode 4 with Passkey Entry	5.4.3	C.1	☑	C.1: At least one of (7/2), (7/3), (7/4) or (7/5) shall be declared. (7/2) is forbidden if (7/1) is TRUE.
7/5	Security Mode 4 with Out of Band	5.4.3	C.1	☑	C.1: At least one of (7/2), (7/3), (7/4) or (7/5) shall be declared. (7/2) is forbidden if (7/1) is TRUE.
7/10	Sniff mode	5.1.8.5, 5.1.12	C.3	☑	C.3: Mandatory IF (1/1) OR (1/3) is supported.

Table 8: HID Device Roles

Prerequisite: HID 1.1 1/4

Item	Capability	System Spec Reference	Support	Status	Comment
8/2	Keyboard HID	5.3.4.3	C.1	☑	C.1: It is Mandatory to support one of these roles.

Table 9: Application Procedures

Prerequisite: HID 1.1 1/4

Item	Capability	System Spec Reference	Support	Status	Comment
9/1	Accept HID connection	5.2.2	M	☑	
9/3	Accept Termination of HID connection	5.2.2	M	☑	
9/7	One or more output reports declared in report descriptor	2.1.1	C.2/C.3	☑	C.2: At least one of (9/7), (9/8) or (9/9) shall be supported. C.3: Mandatory IF (8/2) is supported (for status indicator).
9/8	One or more input reports declared in report descriptor	2.1.1	C.2/C.4	☑	C.2: At least one of (9/7), (9/8) or (9/9) shall be supported. C.4: Mandatory IF (8/1) OR (8/2) is selected.

Table 10: Report Protocol Transfers

Item	Capability	System Spec Reference	Support	Status	Comment
10/1	Report Protocol Device to Host reports on Control channel	3.2	M	☑	
10/3	Report Protocol Host to Device reports on Control channel	3.2	C.2	☑	C.2: Mandatory IF (9/7) OR (9/9) is supported otherwise optional IF (9/8) is supported otherwise excluded.
10/4	Report Protocol Host to Device reports on Interrupt channel	3.2	C.3	☑	C.3: Mandatory IF (9/7) is supported otherwise optional IF (9/8) is supported otherwise excluded.

Table 11: Boot Protocol Transfers

Prerequisite: HID 1.1 1/4

Item	Capability	System Spec Reference	Support	Status	Comment
11/2	Boot Protocol Device to Host reports on Interrupt channel	3.3	C.1	☑	C.1: Mandatory IF (8/1) OR (8/2) is supported. Optional for 8/3 (Other HID Devices).
11/4	Boot Protocol Host to Device reports on Interrupt channel	3.3	C.2	☑	C.2: Mandatory IF (8/2) is supported (for status indicators). Optional for 8/3 (Other HID Devices).

Table 12: HID Control Commands

Prerequisite: HID 1.1 1/4

Item	Capability	System Spec Reference	Support	Status	Comment
12/1	Set_Protocol command	3.1.2.6	C.1	☑	C.1: Mandatory IF (8/1) OR (8/2) is supported. Optional for 8/3 (Other HID Devices). If either 12/1 (Set_Protocol) or 12/2 (Get_Protocol) is supported, both are Mandatory.
12/2	Get_Protocol command	3.1.2.5	C.1	☑	C.1: Mandatory IF (8/1) OR (8/2) is supported. Optional for 8/3 (Other HID Devices). If either 12/1 (Set_Protocol) or 12/2 (Get_Protocol) is supported, both are Mandatory.
12/3	Set_Report command	3.1.2.4	C.2	☑	C.2: Mandatory IF (9/7) or (9/9) is supported.

Table 13: Link Manager Procedures

Prerequisite: HID 1.1 1/4

Item	Capability	System Spec Reference	Support	Status	Comment
13/2	Security Mode 4 with Just Works	5.4.3	C.1	☑	C.1: At least one of (13/2), (13/3), (13/4) or (13/5) shall be declared. (13/2) is forbidden if (13/1) is TRUE.
13/6	Security Mode 3 with pre-v2.1 HID Host	5.4.3.3.3	C.5	☑	C.5: Mandatory to support at least one of 13/6 (Security Mode 3 with pre-v2.1 HID Host), 13/7 (Security Mode 2 with pre-v2.1 HID Host, pairing before L2CAP channels established) OR 13/8 (Security Mode 2 with pre-v2.1 HID Host, pairing after L2CAP channels established) IF 8/2 (Keyboard HID) is supported, otherwise Optional.

13/7	Security Mode 2 with pre-v2.1 HID Host, pairing before L2CAP channels established	5.4.3.3.3	C.5	☑	C.5: Mandatory to support at least one of 13/6 (Security Mode 3 with pre-v2.1 HID Host), 13/7 (Security Mode 2 with pre-v2.1 HID Host, pairing before L2CAP channels established) OR 13/8 (Security Mode 2 with pre-v2.1 HID Host, pairing after L2CAP channels established) IF 8/2 (Keyboard HID) is supported, otherwise Optional.
13/8	Security Mode 2 with pre-v2.1 HID Host, pairing after L2CAP channels established	5.4.3.3.3	C.5	☑	C.5: Mandatory to support at least one of 13/6 (Security Mode 3 with pre-v2.1 HID Host), 13/7 (Security Mode 2 with pre-v2.1 HID Host, pairing before L2CAP channels established) OR 13/8 (Security Mode 2 with pre-v2.1 HID Host, pairing after L2CAP channels established) IF 8/2 (Keyboard HID) is supported, otherwise Optional.
13/13	Master/slave role switch	5.1.12, 5.4.2	C.3	☑	C.3: Mandatory if (13/14) otherwise optional.
13/14	HIDReconnectInitiate in SDP has value of TRUE		C.4	☑	C.4: Mandatory if (8/1) or (8/2) otherwise optional.