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## Declaration Details

### Listing Details

Declaration ID	D033986
Referenced Qualified Designs	
Company	Espressif Systems (Shanghai) Pte. Ltd.
Listing Date	2017-01-13
Specification Name	4.2
Wi-Fi Certification ID	

### Product List

Product Name	Product Website	Product Category	Publish Date	Archive Date	Model Number	Subset ID	Description
BLE Host Stack	<a href="http://espressif.com/">http://espressif.com/</a>	Unique Products	2017-01-13		ESP32		ESP32 is a single chip 2.4 GHz Wi-Fi and Bluetooth ...

Note: Products that have not yet completed the Bluetooth Qualification Process will not appear in public search results.

### Qualified Design:

QDID	91999
TCRL Version	TCRL 2016-2 (Bluetooth 5)
Product Type	Host Subsystem
<b>Combined Designs</b>	
Design Name	BLE Host Stack
Design Model Number	ESP32
Design Description	ESP32 is a single chip 2.4 GHz Wi-Fi and Bluetooth combo chip designed with TSMC ultra low power 40 nm technology. It is designed and optimized for the best power performance, RF performance, robustness, versatility, features and reliability, for a wide variety of applications, and different power profiles.
Hardware Version Number	8.0.13.1
Software Version Number	8.3.14.1
<b>Other References</b>	
<a href="#">View ICS Details</a>	

### Supported Layers ▾

Profile / Protocol
Attribute Protocol
Battery Service
Device Information Service
Find Me Profile
Generic Access Profile
Generic Attribute Profile
HID over GATT Profile
HID Service
Immediate Alert Service
Link Loss Service
Logical Link Control and Adaption Protocol
Proximity Profile
Security Manager Protocol
TX Power Service

### Subsetted Qualified Designs

Subset ID	Project Name	Subset of	Date Created	ICS
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