

Cover Letter-Modular Approval

FCC ID: 2AEMX RX23W8DLN

Date: March 2, 2021

Gentlemen:

There's a <u>R5F523W8CDLN/R5F523W8DDLN</u> like to have your authorization as a modular approval. The specific product as below, <u>R5F523W8CDLN/R5F523W8DDLN</u> with its designed features and specified description, meets special requirements for Limit_modular approval on FCC KDB996369 by cross-reference list below.

Company	Renesas Electronics Corporation	
Model Name	R5F523W8CDLN/R5F523W8DDLN	
Model Number	R5F523W8CDLN/R5F523W8DDLN	
FCC ID	2AEMX RX23W8DLN	

Requirement of FCC KDB996369	Comply (N)	
1. The modular transmitter must have its	Υ	
own RF shielding.	The EUT is sputter shielded except for the	
	antenna area.	
	Please see the external and internal photos.	
2. The modular transmitter must have buffered	Υ	
modulation/data inputs (if such inputs are	The EUT has its buffered modulation.	
provided) to ensure that the module will	Please see the BLE block diagram in Figure	
comply with Part 15 requirements under	41.1 of the User's Manual.	
conditions of excessive data rates or	The link layer in the block diagram has a	
over-modulation.	buffer function.	
3. The modular transmitter must have its	Υ	
own power supply regulation.	The EUT has its own power supply regulation.	
	Please see the section 41.5.1 of the User's	
	Manual.	
4. The modular transmitter must comply with the	Υ	
antenna and transmission system	The EUT is a non-removable built-in antenna	
requirements of Sections 15.203, 15.204(b)	only. Please see the section 41.4.3 of the	
and 15.204(c). The antenna must either be	User's Manual.	
permanently attached or employ a "unique"		
antenna coupler (at all connections between		
the module and the antenna, including the		
cable). The "professional installation"		
provision of Section 15.203 is not applicable to		
modules but can apply to limited modular		
approvals under paragraph (b) of this section.		
5. The modular transmitter must be tested	Y	
in a stand-alone configuration, i.e., the	The EUT was tested with a test board. Please	



15.247(b)(4).

module must not be inside another device see test report and setup photo. during testing. 6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not Since this module is too small to place label, visible when the module is installed inside out of the device into which the module is another device, then the outside of the device installed will have "Contains FCC ID: 2AEMX RX23W8DLN". into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: 2AEMX RX23W8DLN" or "Contains FCC ID: 2AEMX RX23W8DLN" Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization. 7. The modular transmitter must comply with any specific rule or operating The EUT is compliant with all applicable FCC requirements applicable to the transmitter rules. Details instructions for maintaining and the manufacturer must provide adequat compliance are give in the User Manual. e instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization. 8. The modular transmitter must comply Υ The EUT complies with RF exposure with any applicable RF exposure requirements. For example, FCC Rules in requirement. Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter w ave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section



Thank you. Sincerely,

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Title:

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Signature:

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