

Date: 2025-3-19

IC: 25657-MB13R
FCC ID: 2ABRU-MB13R

Dear Sir/Madam,

We, Guangzhou BDE Technology Inc. Hereby declares the following statement for Innovation, Science and Economic Development for the models/HVINs mentioned as below:

Product name: BDE Multi-Band & Multi-Protocol Wireless Module

Models: BDE-MB1354R10UA32, BDE-MB1354R10NA32, BDE-MB1354R10UU32,
BDE-MB1354R10NU32, BDE-MB1354R10UN32, BDE-MB1354R10NN32,
BDE-MB1354R10UA32-IN, BDE-MB1354R10NA32-IN, BDE-MB1354R10UU32-IN,
BDE-MB1354R10NU32-IN, BDE-MB1354R10UN32-IN, BDE-MB1354R10NN32-IN,
BDE-MB1354R10UA0, BDE-MB1354R10NA0, BDE-MB1354R10UU0,
BDE-MB1354R10NU0, BDE-MB1354R10UN0, BDE-MB1354R10NN0,
BDE-MB1354R10UA0-IN, BDE-MB1354R10NA0-IN, BDE-MB1354R10UU0-IN,
BDE-MB1354R10NU0-IN, BDE-MB1354R10UN0-IN, BDE-MB1354R10NN0-IN,

BDE-MB1352RUA32, BDE-MB1352RNA32, BDE-MB1352RUU32,
BDE-MB1352RNU32, BDE-MB1352RUN32, BDE-MB1352RNN32,
BDE-MB1352RUA32-IN, BDE-MB1352RNA32-IN, BDE-MB1352RUU32-IN,
BDE-MB1352RNU32-IN, BDE-MB1352RUN32-IN, BDE-MB1352RNN32-IN,
BDE-MB1352RUA0, BDE-MB1352RNA0, BDE-MB1352RUU0,
BDE-MB1352RNU0, BDE-MB1352RUN0, BDE-MB1352RNN0
BDE-MB1352RUA0-IN, BDE-MB1352RNA0-IN, BDE-MB1352RUU0-IN,
BDE-MB1352RNU0-IN, BDE-MB1352RUN0-IN, BDE-MB1352RNN0-IN

HVINS: BDE-MB1354R10UA32, BDE-MB1354R10NA32, BDE-MB1354R10UU32,
BDE-MB1354R10NU32, BDE-MB1354R10UN32, BDE-MB1354R10NN32,
BDE-MB1352RUA32, BDE-MB1352RNA32, BDE-MB1352RUU32,
BDE-MB1352RNU32, BDE-MB1352RUN32, BDE-MB1352RNN32

1) , HVINs BDE-MB1354R10UA32, BDE-MB1354R10NA32, BDE-MB1354R10UU32,
BDE-MB1354R10NU32, BDE-MB1354R10UN32, BDE-MB1354R10NN32,
BDE-MB1352RUA32, BDE-MB1352RNA32, BDE-MB1352RUU32,
BDE-MB1352RNU32, BDE-MB1352RUN32, BDE-MB1352RNN32

The differences between series models mainly lie in the size of Flash and SRAM, antenna interface method, whether an external 32Mbit SPI Flash is configured, and differences in operating temperature.

Model	HVIN	External photo difference
BDE-MB1354R10UA32, BDE-MB1354R10UA0, BDE-MB1354R10UA32-IN	BDE-MB1354R10UA32	

BDE-MB1354R10UA0-IN,		
BDE-MB1354R10NA32, BDE-MB1354R10NA0, BDE-MB1354R10NA32-IN BDE-MB1354R10NA0-IN	BDE-MB1354R10NA32	
BDE-MB1354R10UU32, BDE-MB1354R10UU0, BDE-MB1354R10UU32-IN BDE-MB1354R10UU0-IN	BDE-MB1354R10UU32	
BDE-MB1354R10NU32, BDE-MB1354R10NU0, BDE-MB1354R10NU32-IN BDE-MB1354R10NU0-IN	BDE-MB1354R10NU32	
BDE-MB1354R10UN32, BDE-MB1354R10UN0, BDE-MB1354R10UN32-IN BDE-MB1354R10UN0-IN	BDE-MB1354R10UN32	
BDE-MB1354R10NN32, BDE-MB1354R10NN0, BDE-MB1354R10NN32-IN BDE-MB1354R10NN0-IN	BDE-MB1354R10NN32	
BDE-MB1352RUA32, BDE-MB1352RUA0, BDE-MB1352RUA32-IN, BDE-MB1352RUA0-IN	BDE-MB1352RUA32	
BDE-MB1352RNA32, BDE-MB1352RNA0, BDE-MB1352RNA32-IN, BDE-MB1352RNA0-IN	BDE-MB1352RNA32	
BDE-MB1352RUU32, BDE-MB1352RUU0, BDE-MB1352RUU32-IN, BDE-MB1352RUU0-IN	BDE-MB1352RUU32	
BDE-MB1352RNU32, BDE-MB1352RNU0, BDE-MB1352RNU32-IN, BDE-MB1352RNU0-IN	BDE-MB1352RNU32	
BDE-MB1352RUN32, BDE-MB1352RUN0, BDE-MB1352RUN32-IN, BDE-MB1352RUN0-IN	BDE-MB1352RUN32	
BDE-MB1352RNN32, BDE-MB1352RNN0, BDE-MB1352RNN32-IN, BDE-MB1352RNN0-IN	BDE-MB1352RNN32	

Model Number	Orderable Part Number	Chipset	Flash (KB)	SRA M (KB)	Antenna on Sub-1G	Antenna on 2.4G	On-Board SPI Flash	Operating Temperature (°C)
BDE-MB13R	BDE-MB1354R10UA32	CC1354 R10	1024	288	U.FL Connector	PCB Trace Antenna	32Mbit	-40 ~ +85
	BDE-MB1354R10NA32				ANT Pin	PCB Trace Antenna		
	BDE-MB1354R10UU32				U.FL Connector	U.FL Connector		
	BDE-MB1354R10NU32				ANT Pin	U.FL Connector		
	BDE-MB1354R10UN32				U.FL Connector	ANT Pin		
	BDE-MB1354R10NN32				ANT Pin	ANT Pin		
	BDE-MB1354R10UA0				U.FL Connector	PCB Trace Antenna	Not Included	
	BDE-MB1354R10NA0				ANT Pin	PCB Trace Antenna		
	BDE-MB1354R10UU0				U.FL Connector	U.FL Connector		
	BDE-MB1354R10NU0				ANT Pin	U.FL Connector		
	BDE-MB1354R10UN0				U.FL Connector	ANT Pin		
	BDE-MB1354R10NN0				ANT Pin	ANT Pin		
	BDE-MB1354R10UA32-IN				U.FL Connector	PCB Trace Antenna	32Mbit	-40 ~ +105
	BDE-MB1354R10NA32-IN				ANT Pin	PCB Trace Antenna		
	BDE-MB1354R10UU32-IN				U.FL Connector	U.FL Connector		
	BDE-MB1354R10NU32-IN				ANT Pin	U.FL Connector		
	BDE-MB1354R10UN32-IN				U.FL Connector	ANT Pin		
	BDE-MB1354R10NN32-IN				ANT Pin	ANT Pin		
	BDE-MB1354R10UA0-IN				U.FL Connector	PCB Trace Antenna	Not Included	
	BDE-MB1354R10NA0-IN				ANT Pin	PCB Trace Antenna		
	BDE-MB1354R10UU0-IN				U.FL Connector	U.FL Connector		
	BDE-MB1354R10NU0-IN				ANT Pin	U.FL Connector		
	BDE-MB1354R10UN0-IN				U.FL Connector	ANT Pin		
	BDE-MB1354R10NN0-IN				ANT Pin	ANT Pin		
	BDE-MB1352RUA32	CC1352 R	352	80	U.FL Connector	PCB Trace Antenna	32Mbit	-40 ~ +85
	BDE-MB1352RNA32				ANT Pin	PCB Trace Antenna		
	BDE-MB1352RUU32				U.FL Connector	U.FL Connector		
	BDE-MB1352RNU32				ANT Pin	U.FL Connector		
	BDE-MB1352RUN32				U.FL Connector	ANT Pin		
	BDE-MB1352RNN32				ANT Pin	ANT Pin		
	BDE-MB1352RUA0				U.FL Connector	PCB Trace Antenna	Not Included	
	BDE-MB1352RNA0				ANT Pin	PCB Trace Antenna		
	BDE-MB1352RUU0				U.FL Connector	U.FL Connector		
	BDE-MB1352RNU0				ANT Pin	U.FL Connector		
	BDE-MB1352RUN0				U.FL Connector	ANT Pin		
	BDE-MB1352RNN0				ANT Pin	ANT Pin		
	BDE-MB1352RUA32-IN				U.FL Connector	PCB Trace Antenna	32Mbit	-40 ~ +105
	BDE-MB1352RNA32-IN				ANT Pin	PCB Trace Antenna		
	BDE-MB1352RUU32-IN				U.FL Connector	U.FL Connector		
	BDE-MB1352RNU32-IN				ANT Pin	U.FL Connector		
	BDE-MB1352RUN32-IN				U.FL Connector	ANT Pin		
	BDE-MB1352RNN32-IN				ANT Pin	ANT Pin		
	BDE-MB1352RUA0-IN				U.FL Connector	PCB Trace Antenna	Not Included	
	BDE-MB1352RNA0-IN				ANT Pin	PCB Trace Antenna		
	BDE-MB1352RUU0-IN				U.FL Connector	U.FL Connector		
	BDE-MB1352RNU0-IN				ANT Pin	U.FL Connector		
	BDE-MB1352RUN0-IN				U.FL Connector	ANT Pin		
	BDE-MB1352RNN0-IN				ANT Pin	ANT Pin		

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According to RSP-100 issue 12 Clause 9.3(a) and Clause 9.3(c), we request to certify these HVINs under the New Family Product Certification.

Sincerely,



(Signed)

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