

Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road Columbia,
MD 21046

SUBJECT: Class II Permissive Charge for **FCC ID: BBO19MINI**

The product: CB Radio, has been granted by FCC dated **08/26/2021**,
FCC ID: BBO19MINI.

Now we, **Cobra Electronics Corporation** would like to modify the authorized equipment for below changes:

1. Change the hardware version from V1.0 to V1.2
2. Final Q29 change from FQP13N10 to IRFZ24N due to market shortage , the change are :

- Pin-to-pin compatible
- Having nearly same performance
- Electrically identical
- No PCB layout change.

-Minor changes to components made in the required areas to support this changes:

BOM	Old	New
R183	1K	No use
C161	331P/J	221P/J
C162	271P/J	221P/J

3. MCU (U4) change from ICS-0639 to MM32SPIN06PF due to market shortage.

The MCU offers, the change are :

- Pin-to-pin compatible
- Only control ordering , not related with TX and RX peforamnce
- No Electrically identical
- No PCB layout change.
- No component change need to support for this replacement

We would like to certify the additional of certified **FCC ID: BBO19MINI** as a Class II Permissive Change in this device. Commissioned testing laboratory to re-test RF power and radiation spurious

Thank you for your attention in this matter.

Signatory :



Contact Person: Chris de Waal

Date: 2022.01.20