
SMART KEY ECU
(BDC-4E07)
H/W Version: A.00

HYUNDAI MOBIS Co., Ltd.

Description of SMART KEY ECU

1. GENERAL DISCRIPTION

If the button of door handle or SSB button is pressed, SMART KEY ECU
the LF(125kHz) signal.

- 1) LF signal output for engine start
SSB button is pressed, SMART KEY ECU output LF signal through the interior LF antenna
for Fob searching.
- 2) LF signal output for door lock/unlock and trunk release
The button of door handle or trunk is pressed, SMART KEY ECU output LF signal thtough the exterior
LF antenna for Fob searching

2. ELECTRICAL CHARACTERISTICS

Product name	SMART KEY ECU	Antenna Type	Coil Antenna
Operating voltage	9V ~ 16V	Antenna Peak gain	-
Dark current	5mA Max.		
Operating frequency	125KHz		
Modulation	ASK		
Operating temperature	-30℃ ~ +75℃		

FCC/ISED NOTICE

[FCC]

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC

[ISED]

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the ISED

Cet appareil est conforme aux limites d'exposition aux rayonnements de l'ISDE pour un environnement non contrôlé.

L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur, à moins d'y être autorisé par l'ISDE.