

Technical Specification (IGCJ2PHN)

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1. Product Introduction

☐ P/G-IVI (Plugin In-Vehicle Infotainment)

- IVI device equipped in the JLR(Jaguar Land Rover) vehicles.
- In charge of wireless communications in LTE-A/LTE/WCDMA/GSM network
- Multi functional AVN such as Broadcast, Media, Phone and so on

☐ P/G-IVI Specification

1. Model Name : IGCJ2PHN
2. Supported band : GSM850/1900, WCDMA B2/4/5, LTE B2/4/5/7/12/26, 2.4/ 5GHz
WLAN (UNII 1, 3), BT v4.2 (BDR/EDR)
3. Supply Voltage : 6.5~16V
4. DC Current : ~ 7A
5. Temperature Range : (-)40 ~ 75°C
6. H/W Version : V9.0

☐ Embedded certified limited module information

1. Contains transmitter module FCC ID: BEJTM05GAJN
2. Contains transmitter module IC: 2703H-TM05GAJN

☐ Block Diagram

<Confidential>

2. Specifications

- ❑ P-IVI Specification
 - RF Band Information

GSM/UMTS/LTE	Frequency	FDD/TDD
Wi-Fi 2.4GHz	2412-2462 MHz	SISO
Wi-Fi 5GHz	5180-5240 MHz 5745-5825 MHz	SISO, MIMO
Bluetooth	2402-2480 MHz	SISO

3 Appendix

FCC Part 15.21 statement

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

FCC Part 15.19 statement

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.

RF Exposure (MPE)

This equipment complies with FCC Radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

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 RF Radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Cet équipement est conforme à l'exposition de ISDE rayonnements RF limités établies pour un environnement non contrôlé. L'antenne pour ce transmetteur ne doit pas être même endroit avec d'autres émetteurs afin de conformer à IC procédures de produits Multi-émetteur. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.