



Project: 4_MOT_0505_TAS

**Bluetooth Phone Module
BPM
Product information summary**

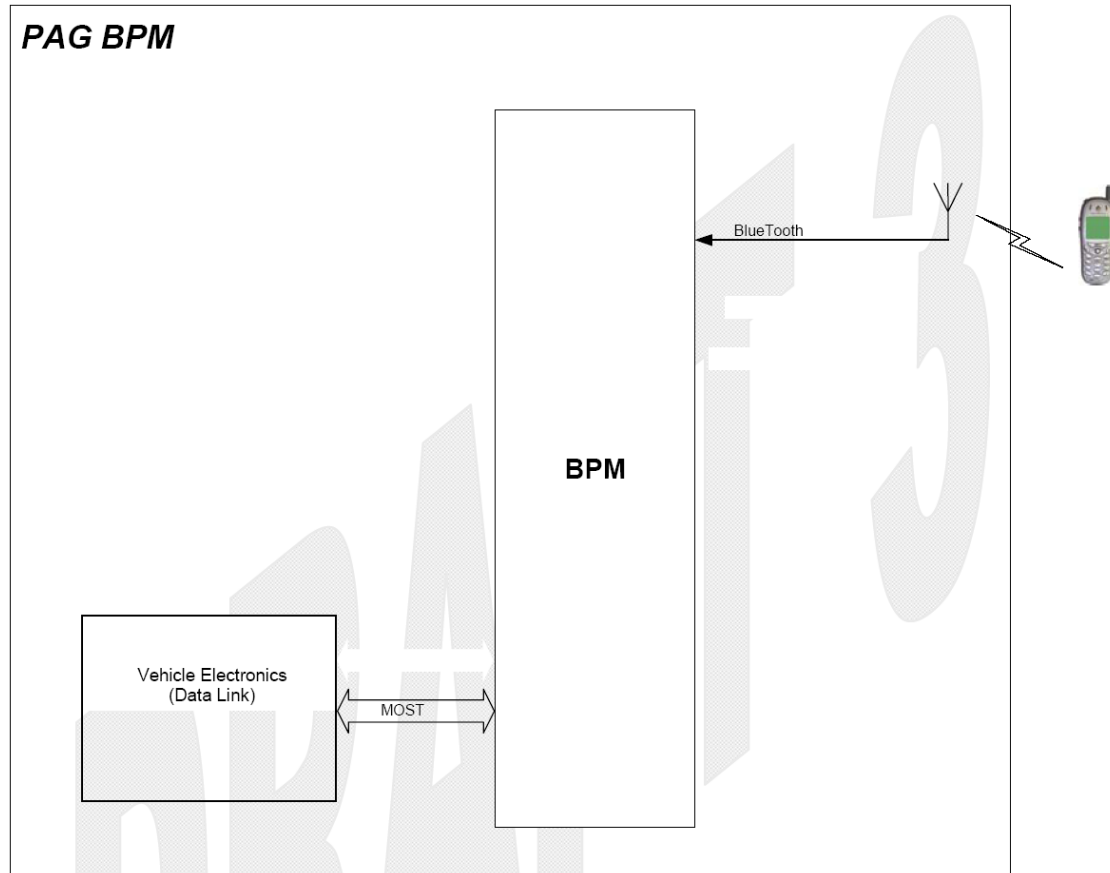
1. Basic product information

| | |
|---------------------|--|
| Brand name | Motorola Inc. |
| Type designation | BPM |
| Frequency range | 2402 MHz-2480 MHz |
| Modulation | FHSS |
| Transmitter power | 5, 79 dBm. the EIRP including internal antenna gain(1,5dBi) is 7,29 dBm |
| Duty cycle | 0,377 |
| Power supply | 12V DC |
| External antenna | Optional |
| Standard(s) Applied | EN 301 489-1 08/2002 ETSI EN 300 328-2 V1.6.1(2004-11) EN: 60950-1:2001 FCC Part 15, Subpart C, §15.247 |

2. Product Functionality description

The Motorola BPM will provide consumers with the ability to make and receive hands-free personal calls within their vehicles by interacting with the BPM through Voice Recognition (VR) and invehicle HMI. The BPM uses the capabilities within the consumer's personal Portable Phone connected via Bluetooth to access the cellular network. Key features include speaker independent continuous digit dialling, voice tag dialling and high quality handsfree audio processing. Additionally, the BPM provides run-time and on-demand diagnostics capabilities and provides configurable parameter management and software update capabilities.

3. System Architecture



Please note customer's external cellular phone is out of scope of this application.

4. Reference

- 4.1. Product Description Document (PDD). Filename "Operation_Description_(PDD).pdf".
- 4.2. Block diagram. Filename "PAG BPM Functional Block Diagram.pdf".