

Title: Peps base station communication

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The Passive-Entry-Passive-Start (PEPS) controller is the core of an immobilizer system. It provides wired and wireless communications, control and logic functions between the PEPS and EMS.

The National Public Warning System (NPWS), also known as Primary Entry Point (PEP) stations, are radio broadcast stations that work with FEMA to provide emergency alert and warning ...

The ATA5293 is a highly-integrated circuit combining Low Frequency (LF) coil drivers, an immobilizer reader for Passive Entry, Passive Start (PEPS) application and a door handle interface. It is intended ...

It consists of a base station placed in the vehicle, which provides the LF (125 kHz) magnetic field enabling a wireless link with the transponder in the fob to be established. This LF immobilizer link is ...

Communication Interfaces PEPS system communicates bidirectionally via three different communication channels:

Atmel's PEPS system enables hand-free interaction with the vehicle (figure 1). It allows the driver to lock/unlock the vehicle doors and to start/stop the vehicle engine without performing any manual ...

This variation is called either the "High level PEPS" or the "Up level PEPS" depending on the context of the reference (usually Hella reference or GM reference, respectively).

The invention provides a PEPS (Passive Entry Passive Start) low-frequency calibration system and method. The system comprises: a PEPS base station, a low-frequency antenna, a standard smart...

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