Abstract

Control Area Network (CAN) based Simulator is developed with help of LabVIEW platform which simulates the electrical system inside the vehicle. This simulator is used to test the android application running on the dashboard of a vehicle. Entire design is based on the CAN architecture, its messaging system and functionality of the electronic control units (ECUs) inside vehicles. Testing depth increased successfully with proposed simulator.

References

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**Index Terms**

Computer Science  
Automated Systems

**Keywords**

CAN, ECU, Messaging Protocol, Reception of frames, and Transmission of frames.