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# GENERAL

## 1. OUTLINE

(a) The Controller Area Network (CAN) is a serial data communication network for real time application. It is a multiplex communication network to be equipped in a vehicle, and has communication speeds of 500 kbps (HS-CAN) and 250 kbps (MS-CAN), and the ability to detect malfunctions.

(b) The HS-CAN consists of a V bus, sensor bus and local bus.

(c) The MS-CAN consists of a sub bus 1.

(d) The communication wire used is a twisted-pair wire. The bus line has a high line (2.5 V to 3.5 V of voltage is applied) and a low line (1.5 V to 2.5 V of voltage is applied).

(e) The main body ECU has a gateway function. The ECU connects the respective buses in order to establish communication between each bus.