



I'm not robot



I am not robot!

The SAE J communications network is intended for light-duty, medium-duty, and heavy-duty vehicles used on-road or off-road, and for appropriate stationary SAE J CAN Bus Data Cables °C to °C Features Compliances ImpedanceΩ atMHz Shield Effectiveness: mΩ/m maximum RoHS compliant Copyright Compliance. The document was revised to add the Type I and Type II ECU information. Physical Layer, Kbps, Twisted Shielded Pair. It is not applicable to passenger cars or light trucks. Communications Network Subcommittee of the Truck and Bus Electrical Committee. The formatting was updated to the latest word processor program. References General information regarding this series of recommended practices is found in SAE J Applicable Publications What is J? It is a standard maintained by the Society of Automotive Engineers (SAE) The standard defines how information is transferred across a network to allow ECUs (i.e. This What is J? It is a standard maintained by the Society of Automotive Engineers (SAE) The standard defines how information is transferred across a network to allow ECUs J is developed by the SAE as a standard for heavy-duty on-highway, farming, and construction vehicles. The J network allows the vehicle integrator to design a reduced network to meet design and cost goals with comparable performance to the J network. This document defines a physical layer having a robust immunity to EMI and physical properties suitable for harsh environments. In this application note, the properties of SAE J should be described in brief. series of SAE Recommended Practices have been developed by the Truck and Bus Control and. SAE J is used in the commercial vehicle area for communication in the commercial vehicle. computers) to communicate information. The objectives of the SAE J Standards Collection Exclusively on the Content The SAE J Standards Collection includes the following full-text documents: J Recommended Practice for a Serial Control & Communications Vehicle Network J/Recommended Practice for Control And Communications Network for On-Highway Equipment J/Physical Layer k bits/s, Shielded Twisted Pair J/Off-Board The J document was reviewed during the five year SAE review period. In this application note, the properties of SAE J should be described in This document defines a physical layer having a robust immunity to EMI and physical properties suitable for harsh environments. Foreword—This. It is a recommended The J network was designed as a reduced J network for connecting standard ECUs on a vehicle (e.g. The document was revised to add the Type I and Type II ECU information. Engine, ABS, Transmission). SAE J uses CAN (Controller Area Network, ISO) as physical layer. This document comes with our free Notification Service, good for the life of the document. (e.g. Physical Layer, K bits/s, Twisted Shielded Pair. vehicle speed) Think of J as a software specification that rides on top of a CAN bus The SAE J communications network is intended for light-duty, medium-duty, and heavy-duty vehicles used on-road or off-road, and for appropriate stationary applications which use vehicle derived components (e.g., generator sets). CAN controllers are available which support the CAN Flexible Data Rate Frame Format. CAN controllers are available which support The J document was reviewed during the five year SAE review period. These controllers, when used on SAE J networks, must be restricted to use only the Classical Frame Format Vehicles of interest include, but are not limited to, on-highway and off-highway trucks and their trailers Introduction to J Application Note AN-ION Overview SAE J is used in the commercial vehicle area for communication in the commercial vehicle.