Technical Article

CAN & LIN: Take a Look inside

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Did you know that drivers, passengers and even cargo can often benefit from up to 80 separate Controller Area Network (CAN) and Local Interconnect Network (LIN) modules placed throughout vehicles? These modules help implement a wide range of features that many of us use multiple times daily, without truly understanding what's behind the button.

Want to take a look inside one of today's car models and see where you can employ CAN and LIN? Click the link below to launch an in-cabin virtual view and explore a few of the functions that CAN and LIN help enable today. Once the page launches, you can manually scroll and pan inside the vehicle and easily identify those locations where CAN and LIN are prevalent. Click the icons to obtain additional information, including block diagrams and reference designs, and accelerate your knowledge of CAN and LIN technology.

To Take the 360 Tour:

- For best results and faster load time, ensure no browser tabs are open.
- If you are having issues loading, try a different browser.
- Click on the image below, and you will be taken to a landing page.
- Use your cursor (click and hold it down) to pan around to see the entire lab.
- You will find multiple interactive points explaining the CAN and LIN technology.

Additional Resources

- Find out why LIN is the last-mile network.
- Learn more about transients in 24V automobiles.
- Looking for information about CAN FD? Read the technical article, "The need for even more speed: CAN FD."
- For advanced knowledge on the electrical characteristic of LIN, check out the application note, "LIN Protocol and Physical Layer Requirements."

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