



Product Focus

Real Time for LIN Communication

The communication standard LIN (Local Interconnect Network) has become indispensable in modern automobiles. In particular, it features the utilization of the UART protocol combined with single wire cabling, allowing for significant cost and weight reductions. Consequently, LIN is especially suited for the wiring of automotive subsystems such as windows, seats, air conditioning, mirrors and wipers.

Automobile manufacturers, suppliers and developers of test systems have the objective of meeting continually growing technical demands in the field of automotive electronics. Whether it may be the creation or testing of single components or quality assurance of integrated mechatronic applications, PC-based measuring and test engineering requires capable software to establish a powerful connection to vehicle systems.

The LIN Module adds a high-performance interface to Kithara RealTime Suite to meet these very requirements. It enables users to efficiently and flexibly integrate measuring, diagnosis and control solutions by executing access to all systems in real time.

In conjunction with the CAN Module it is possible for the LIN master to operate as gateway to a higher-level CAN system. This allows for the conception of advanced automotive networking as well as the convenient handling of the interactions between LIN and CAN. Programming can be done in C/C++, Delphi and, by utilizing a DLL, C# as well.

The latest information about Kithara products as well as a free 90-day trial version can be found **▶ on our website.**

