

# TL1021

UART On LIN device



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## Classic Application:

- Meet specific industry standards

## Feature Overview

The TL1021 is a UART On LIN device designed to provide a "transparent data transmission" mechanism. This means that the data format and content at the sending and receiving ends remain consistent, with only the transmission medium switching from UART to the LIN bus physical layer.

## Characteristics

## Specification

Interface	1 x UART (USB2.0), 1 x LIN
Driver	Driver-free design for Windows and Linux systems, ensuring system compatibility
LIN	UART Baud Rate
UART Baud Rate	Maximum 20 Kbps
Forwarding Delay	< 2.1 $\mu$ s
Power Supply	USB
Power Consumption	1 W
Casing Material	Plastic
Dimension	Approx. 94 x 48 x 24 mm
Weight	Approx. 77 g (without packaging)/Approx. 122g (with packaging)
Operating Temperature	-40°C ~ 80°C
Operating Humidity	10% ~ 90% (non-condensing)
Operating Environment	keep away from corrosive gases

## Ordering Information

Product Name	Model Number	Function Description
Network Device	TL1021	UART On LIN device

## Shipping list

- TL1021 device

## Pin Definitions

