FlexCard Air-S

www.star-cooperation.com

BENEFITS

Affordable solution for wireless transport of CAN and LIN messages via Bluetooth
• Range up to 100m
• 2 CAN-HS & 1 LIN interfaces
• Compact design

USE CASES

• For vehicle development in test and qualification phases
• In the laboratory for wireless monitoring of bus data
• At the test bay to move freely between different setups

SYSTEM FOR VISUALIZATION OF BUS DATA

FlexCard Air-S is an affordable bus interface for wireless transport of CAN-HS and LIN messages via Bluetooth. Due to the cable free concept, the device can be plugged into the bus system at any chosen point in the topology, enabling the user to place the receiving station (e.g. mobile device) at the best suitable place inside a car or move it freely in the laboratory and test bay. A software for visualization of bus signals (FlexConfig Analyzer) is optionally available. Additionally, customer specific software solutions for data visualization using other OS can be implemented.

NETWORK TECHNOLOGY

ENERGY TECHNOLOGY

SENSOR-/ ACTUATOR TECHNOLOGY

FlexCard Air-S

FACTS & FIGURES

The ARM-7 circuit board provides interfaces for CAN and LIN,
as well as USB 2.0 for connection to a PC.

- BluetoothTM v2.0+EDR-SPP
- Range up to 100m
- Transmitting power +18 dBm
- Piconet and Scatternet support
- Supports up to 7 slaves
- Compatible with LIN 1.3, 2.0 und 2.1
- 5 LEDs
  - LED1 „RUN"   indicates device is ready for use
  - LED2 „CAN1"   indicates channel state
  - LED3 „CAN2"   indicates channel state
  - LED4 „LIN"   indicates channel state
  - LED5 „BT"   indicates wireless state
- BT data rate max. 230 kbps

COMPATIBLE SOFTWARE
- FlexConfig Analyzer (for Android)

DRIVER
Drivers are not required. On request, the Bluetooth communications
structure can be provided.

SCOPE OF DELIVERY
- FlexCard Air-S
- Manual
- Powercable FlexCard Air-S to pin plug

HARDWARE
Electrical properties

Voltage range	6V-28V, Kl.30 perm. positive

Physical properties

Bus interfaces	2 CAN-HS, 1 LIN
USB	USB 2.0, full speed
Bluetooth	BluetoothTM v2.0+EDR-SPP
LEDs	Power, CAN1/2, LIN, Bluetooth
Dimensions (L x W x H)	120 x 60 x 30 mm

External conditions

Temperature range (operating)	-20°C to 70°C
Temperature range (storage)	-20°C to 70°C

ORDER INFORMATION FLEXCARD AIR-S

Product	Description	Order number
FlexCard Air-S	CAN-HS, LIN to Bluetooth bus interface	3-V0920A01
FlexCard Air-S RoadPack	RoadPack consisting of: FlexConfig Analyzer, FlexCard-Air-S with FlexConfig Analyzer runtime, Android Tablet of choice, tablet mount (car), cigarette lighter to USB cable. All in cased set.	3-V0920B01

ORDER INFORMATION ACCESSORIES

Product	Description	Order number
FlexConfig Analyzer runtime	Runtime license for FlexConfig Analyzer. One licence per used bus interface required.	3-00701J01
FlexConfig Analyzer	FlexConfig Analyzer is a visualization software for Android.	3-V0160V01
Android Tablet	A tablet of choice can be provided in combination with FlexConfig Analyzer.	On request