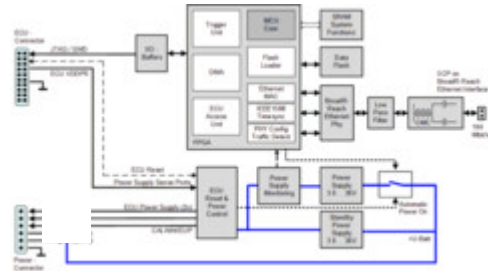
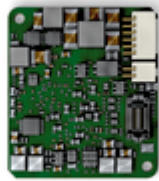


## BR\_XETK-S4.0

ECU interface for the STMicroelectronics STELLAR SR6 microprocessor family



CPU interface

Supported processors

ST Microelectronics Stellar SR6

For a complete list of supported microprocessors, please refer to the product's user's guide.

Configuration

Project-specific configuration for memory configurations stored in EEPROM

Board

Dimensions (HxWxD)

8.7 x 38 x 33.5 mm / 0.352 x 1.496 x 1.318 in

Power supply

Input voltage

6.6 V to 36 V

Cranking voltage < 3 sec: 3V

Input current at 12 V

Approx. 135 mA normal operation

Approx. 40 mA normal stand-by

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Memory emulation

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Emulation memory    Processor specific

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Measured data  
memory                    Processor specific

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Host interface

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Serial interface        100 Mbit/s

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Double shielded line, max. 30 m/100 ft

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Electrically isolated

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Operation temperature

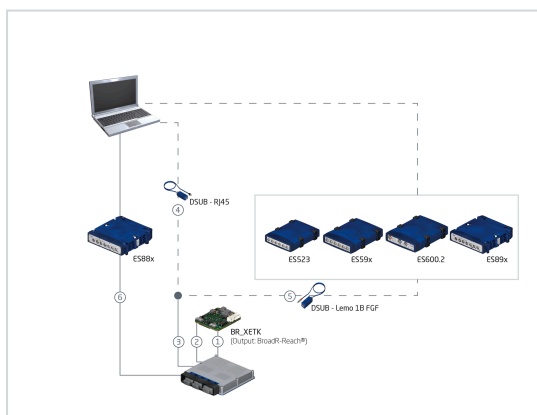
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Temperature range    -40 °C to +110 °C / -40 °F to +230 °F

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This product has been developed and released for use in automotive applications. For usage in other domains please contact your ETAS representative.

## Ordering Information



1 – ECU Connection

2 – Automotive Ethernet Connection

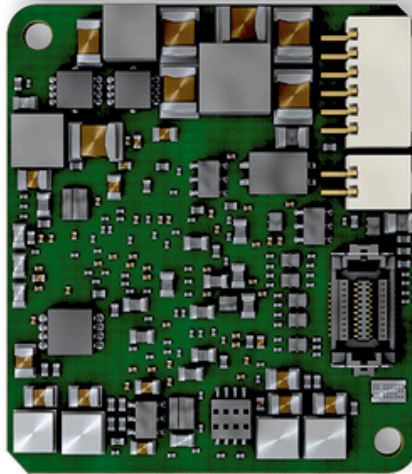
3 – Automotive Ethernet Connection

4 – Media Converter (PC Connection)

5 – Media Converter (ES523, ES59x, ES600, ES89x, ES910 Connection)

6 – Ethernet Connection with ES88x

Order Name	Short Name	Order Number
BR_XETK-S4		
BR_XETK-S4.0B ECU interface for the STMicroelectronics STELLAR SR6 microcontroller family (including gap pad)	BR_XETK-S4.0B	F-00K-113-468



Optional Accessories for BR\_XETK-S4

#### 1 – ECU Connection

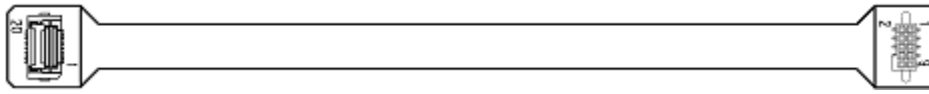
ETAM2 ETK ECU Adapter, MOLEX - open wires (6fc - 6c), 0m25	ETAM2	F-00K-109-306
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ETAM5 FETK ECU Adapter, MOLEX - MOLEX (6fc - 5fc+1c), 0m136	ETAM5	F-00K-110-101
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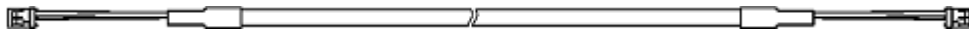
ETAM8A BR\_XETK-S3/S4 ECU Adapter, FCI - SAMTEC SFM (20c - 10fc), 0m11 ETAM8A F-00K-110-754



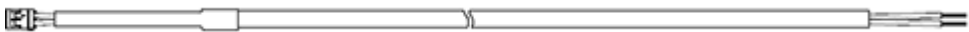
ETABR1 Automotive Ethernet interface cable, MOLEX à open wires (ECU), 0,3m (2fc - 2c) Single wires which need to be twisted while mounting ETABR1 F-00K-109-771



ETABR2 Automotive Ethernet interface cable, MOLEX à MOLEX (ECU), 0,17m (2fc - 2c) ETABR2 F-00K-111-118



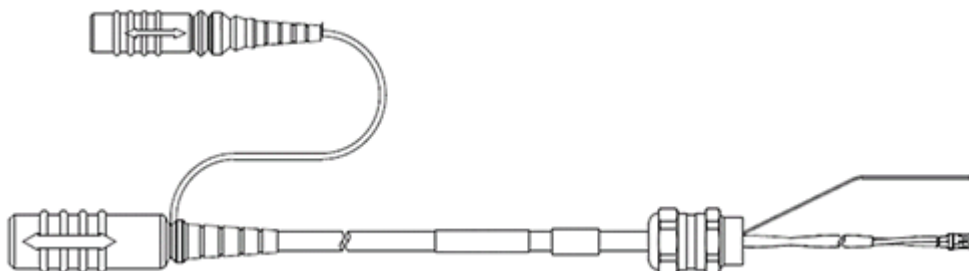
ETABR3 Automotive Ethernet Interface Cable, MOLEX - open wire (2fc-2c), 0m33 ETABR3 F-00K-111-964



CBAM290 Automotive Ethernet interface cable, pre-assembled into M10 screwing, shield on ECU-Housing MOLEX à Lemo, 0,60m (2fc - 2c) CBAM290.1-0m6 F-00K-111-117



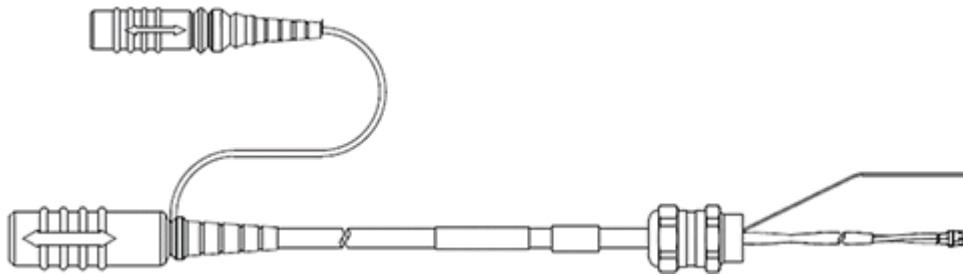
BR\_XETK ECU Adapter and Power Supply Cable, pre-assembled into M12 screwing, shield on ECU housing, Lemo 1B PHA - MOLEX (2fc-2fc) / Lemo 1B PHG - open wire (2fc-1c), 0m6 CBAM295.1-0m6 F-00K-111-656



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BR\_XETK ECU Adapter and Power Supply Cable, pre-assembled into M12 screwing, shield on ECU housing, Lemo 1B PHA - MOLEX (2fc-2fc) / Lemo 1B PHG - open wire (2fc-1c), 1m8

CBAM295.1-1m8 F-00K-111-657



### 3 - Automotive Ethernet Connection

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### 4 - Media Converter (PC Connection)

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Media Converter Cable, DSUB - RJ45 (9mc-8mc), 1m

CBEB100.1-1m0

F-00K-110-094



### 5 - Media Converter (ES523, ES59x, ES600, ES89x, ES910 Connection) [1]

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ES165.1 Media Converter (1xAE) with Lemo connector

ES165.1

F-00K-112-184



### 6 - Ethernet Connection to ES88x

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Automotive Ethernet Splitter Cable 100 Mbit/s,  
Yamaichi YCP - 4x DSUB (8mc - 4x 9mc), 0m4

CBEB242.1-0m4

F-00K-111-123

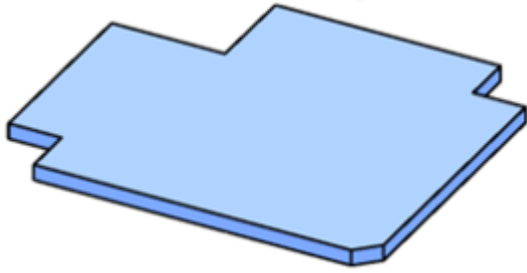
### Mechanical Accessories

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Gap pad as spare part for BR\_XETK-S3/S4

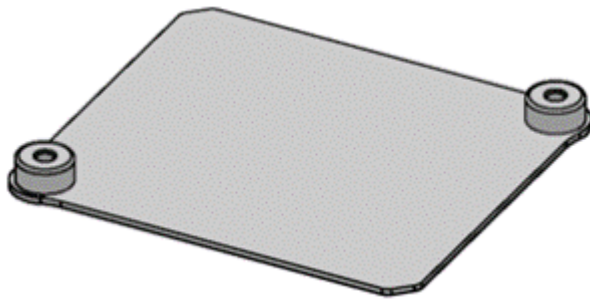
BR\_XETK-S3\_GP F-00K-110-752



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Mounting bracket for BR\_XETK-S3/S4

BR\_XETK-S3\_MB F-00K-110-753



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[1] You can find the suitable adapter cable for the Media Converter to your BR\_XETK on the [ES16x Ordering Information page](#).

Note: This list contains only a selection of available adapters. A comprehensive overview is available in the User Guide of each ETK.

