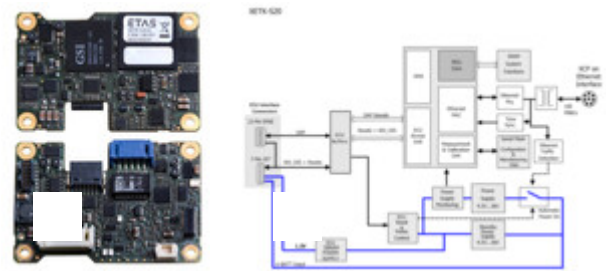


XETK-S20.1



CPU interface

Supported
processors

Infineon Aurix Family (TC2xx and TC3xx)

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)

approx. 10.54 x 60 x 40.25 mm / 0.415 x 2.362 x 1.575 in

Power supply

Input voltage

4.3 V to 36 V

Stand-by: min. 4.3 V

Input current at 12 V

approx. 135 mA normal operation

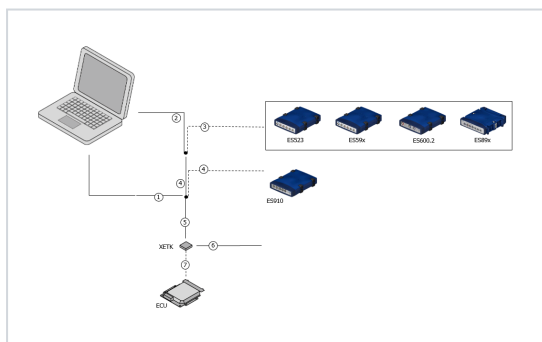
approx. 35 mA normal stand-by

Memory emulation

Emulation memory	Processor-specific
Measured data memory	Processor-specific
Host interface	
Serial interface	100 Mbit/s
	Double-shielded line, max. 30 m/100 ft
	Electrically isolated
Operation temperature	
Temperature range	-40 °C to +110 °C / -40 °F to +230 °F

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 – Ethernet PC Connection
- 2 – Ethernet PC Connection - Adapter Cable
- 3 – Ethernet Connection - Adapter Cable
- 4 – Ethernet Connection
- 5 – XETK Connection
- 6 – Power Supply Connection
- 7 – ECU Connection

Order Name	Short Name	Order Number
XETK-S20.1		

XETK-S20.1B Emulator Probe for the Infineon
AURIX microprocessor family. ECU adaption via 12
pin Erni and 7 pin JST connector

XETK-S20.1B

F-00K-110-093



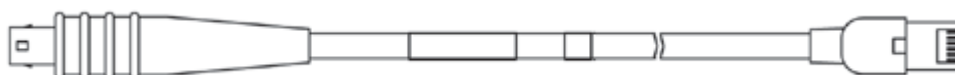
Optional Accessories

1 – Ethernet PC Connection

Ethernet PC Connection Cable 1 Gbit/s, Lemo 1B
FGE - RJ45 (10mc-8mc), 3 m

CBE200-3

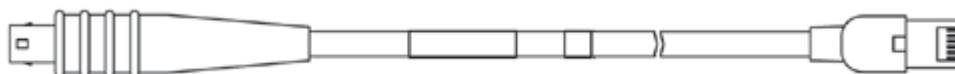
F-00K-104-373



Ethernet PC Connection Cable 1 Gbit/s, Lemo 1B
FGE - RJ45 (10mc-8mc), 8 m

CBE200-8

F-00K-104-374



2 – Ethernet PC Connection - Adapter Cable (CBAE200)

Ethernet Connection Adapter Cable 1 GBit/s, Lemo
1B PHE - RJ45 (10fc- 8mc), 1m2

CBAE200-1m2

F-00K-105-760



3 – Ethernet Connection - Adapter Cable (CBAE330) (ES523, ES59x, ES600.2, ES88x, ES89x)

Ethernet Connection Adapter Cable 1 GBit/s to 100 MBit/s, Lemo 1B PHE - Lemo 1B FGF (10fc-8mc), CBAE330-0m5 F-00K-105-759 0m5



4 - Ethernet Connection

(ES523, ES59x, ES600.2, ES88x, ES89x, ES910)

Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE - Lemo 1B FGE (10mc- 10mc), 3 m CBE230-3 F-00K-105-757



Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE - Lemo 1B FGE (10mc- 10mc), 8 m CBE230-8 F-00K-105-758



5 - XETK Connection

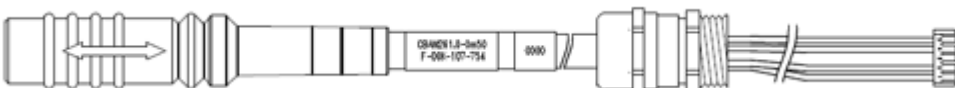
XETK ECU Adapter Cable, 100 Mbit/s, Shield on ECU-Housing, Lemo 1B HME - JST PHR (10fc-5fc), CBAM230-0m38 F-00K-105-791 0m38



XETK ECU Adapter Cable, 100 MBit/s, Lemo 1B PHE - JST PHR (10fc-5fc), 0m6 CBAM240-0m6 F-00K-105-792



XETK ECU Adapter Cable, pre-assembled into PG9 screwing, shield on ECU- Housing, Lemo 1B PHE - JST PHR (10fc-5fc), 0m50 CBAM271-0m5 F-00K-107-867

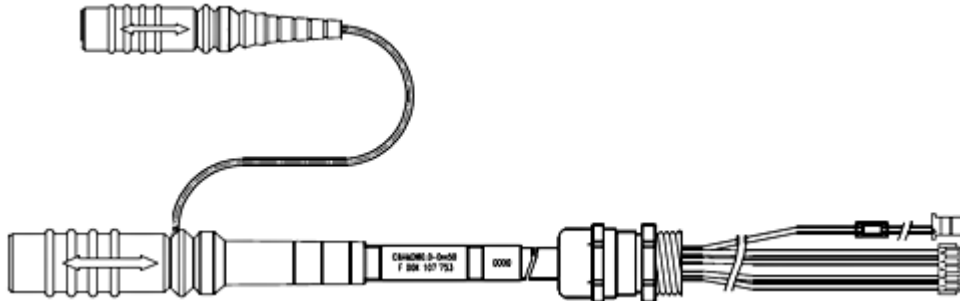


5&6 – XETK and Power Supply Connection

XETK ECU Adapter and Power Supply Cable, pre-assembled into PG9 screwing, shield on ECU-Housing, Lemo 1B PHE - JST PHR (10fc-5fc) / Lemo 0B PHG - JST PAP (2fc-2fc), 0m50

CBAM270-0m5

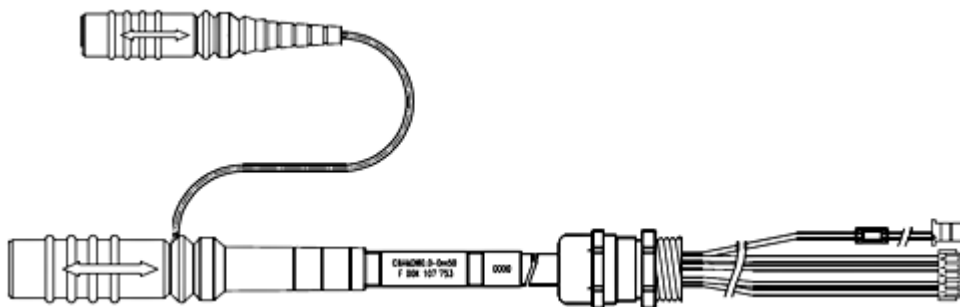
F-00K-107-866



XETK ECU Adapter and Power Supply Cable, pre-assembled into PG9 screwing, shield on ECU-Housing, Lemo 1B PHE - JST PHR (10fc-5fc) / Lemo 0B PHG - JST PAP (2fc-2fc), 0m70

CBAM270-0m7

F-00K-108-479



6 – Power Supply Connection

ETK Power Supply Cable for External Supply, with Filter Coil, Lemo 0B EGG - open wire (2fc-1c), 0m2

KA50

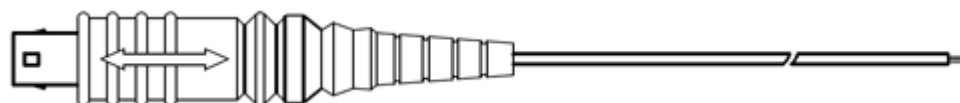
F-00K-000-940



External Power Supply Cable for ETKs, Lemo 0B - FGG open wires (2fc-1c), 2 m

K70.1

F-00K-109-270

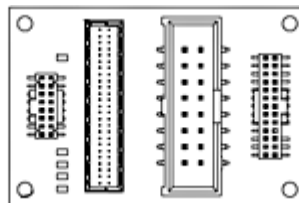


7 – ECU Connection

ETAI10 ETK ECU Flex Adapter, Erni - Samtec (12fc - 10fc), 0m136	ETAI10	F-00K-107-954
ETAI5 ETK ECU Adapter with short ED supply and GND lines, JST PHR - open wires (7fc - 2c+5c), 0m25	ETAI5	F-00K-106-773
ETAI6 ETK ECU Adapter, JST PHR - JST PHR (7fc - 5fc), 0m1	ETAI6	F-00K-107-195
ETAI8 ETK ECU Adapter, JST PHR - JST PHR (7fc - 7fc), 0m1	ETAI8	F-00K-107-757

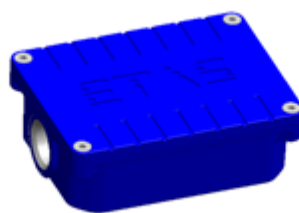
Debugger Connection

Debug Adapter from Debugger to ETK-S2x	ETAF11.0	F-00K-107-682
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Housing

Water-proof case, designed for ETK-S4.x, ETK-S6.x and ETK-S2x	ETKS_C3	F-00K-107-683
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ECU Connection Protection Cap (for CBAM230, CBAM240)

Cap to protect open Lemo 1B sockets against dirt, cost effective	CAP_LEMO_1B_LC	F-00K-105-683
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Note: This list contains only a selection of available adapters. A comprehensive overview is available in the User Guide of each ETK.

