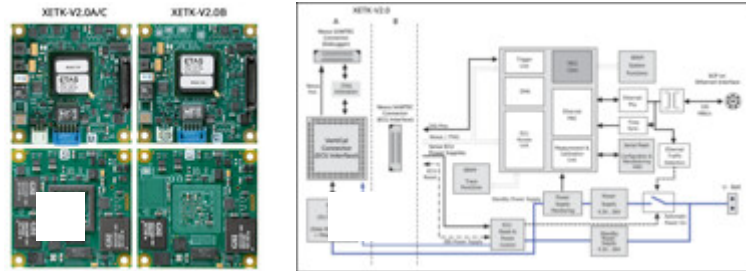


## XETK-V2.0



CPU interface

Bus interface 2.5 V/ 3.3 V (auto-detect) Nexus/JTAG interface

2.5 V/ 3.3 V address/data bus interface for 32 bit multiplexed bus (XETK-V2.0A/C)

Supported processors NXP\* MPC5600 & ST SPC5600 microprocessors on VertiCal Base Board (XETK-V2.0A/C) (\* former Freescale)

NXP\* MPC5600 & ST SPC5600 microprocessors in all packages (XETK-V2.0B) (\* former Freescale)

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. 12 x 60 x 60 mm/ 0.47 x 2.4 x 2.4 in (XETK-V2.0A/C)

Approx. 9 x 60 x 60 mm/ 0.35 x 2.4 x 2.4 in ( XETK-V2.0B)

Power supply

Input voltage	4.3 V to 36 V
	Stand-by: min. 4.3 V
Input current at 12V	approx. 130 mA normal operation (XETK-V2.0A/C)
	Approx. 110 mA normal operation (XETK-V2.0B)
	approx. 30 mA stand-by (XETK-V2.0A/C)
	Approx. 21 mA stand-by (XETK-V2.0B)
Memory emulation	
On-board memory	2 MB Synchronous RAM (XETK-V2.0A)
	n/a (XETK-V2.0B)
	4 MB Synchronous RAM (XETK-V2.0C)
Emulation memory	ECU-specific, freely configurable within on-board memory (XETK-V2.0A/C)
	ECU-specific, freely configurable within ECU memory (XETK-V2.0B)
Measured data memory	ECU-specific
Host interface	
Serial interface	100 Mbit/s
	Double-shielded line, 30 m/100 ft max.
	Electrically isolated
Debug interface	50 pin Samtec Nexus/JTAG debugging interface connector (XETK-V2.0A/C)
	ECU-specific external circuit and connector required (XETK-V2.0B)
Operation temperature	





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XETK-V2.0 Emulator Probe without emulation  
memory for NXP\* MPC5600 & ST SPC5600  
microprocessors, ECU adaption via 50 pin Samtec

XETK-V2.0B

F-00K-107-036



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XETK-V2.0 Emulator Probe with 4MByte emulation  
memory for NXP\* MPC5600 & ST SPC5600  
microprocessors, ECU adaption via VertiCal Base  
Board

XETK-V2.0C

F-00K-109-733



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Optional Accessories for XETK-V2.0

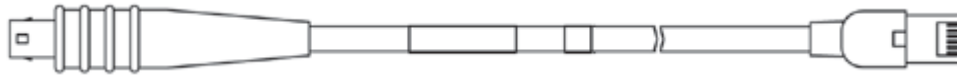
### 1 - Ethernet PC Connection

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

CBE200-3

F-00K-104-373



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Ethernet PC Connection Cable 1 Gbit/s, Lemo 1B FGE - RJ45 (10mc-8mc), 8 m CBE200-8 F-00K-104-374



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## 2 - Ethernet PC Connection - Adapter Cable (CBE230-PC)

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Ethernet Connection Adapter Cable 1 GBit/s, Lemo 1B PHE - RJ45 (10fc- 8mc), 1m2 CBAE200-1m2 F-00K-105-760



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## 3 - Ethernet ES600 Connection - Adapter Cable (CBE230-ES600)

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



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## 4 - Ethernet ES910 / ES592 / ES595 Connection

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



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

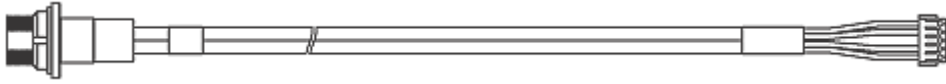


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## 5 - XETK Connection

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



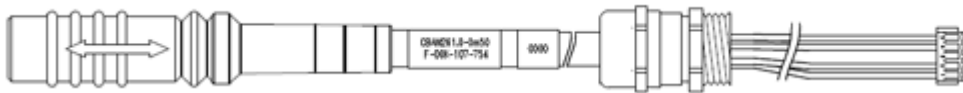
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XETK ECU Adapter Cable, 100 MBit/s, Lemo 1B PHE - JST PHR (10fc-5fc), 0m6      CBAM240-0m6      F-00K-105-792



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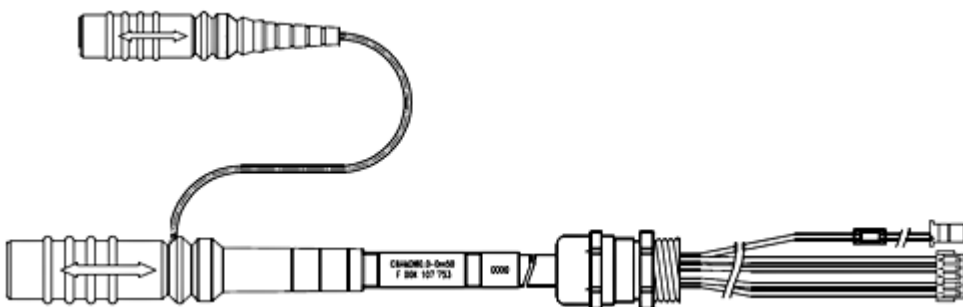
XETK ECU Adapter Cable, pre-assembled into PG9 screwing, shield on ECU- Housing, Lemo 1B PHE - JST PHR (10fc-5fc), 0m50      CBAM271-0m5      F-00K-107-867



## 5&6 - XETK and Power Supply Connection

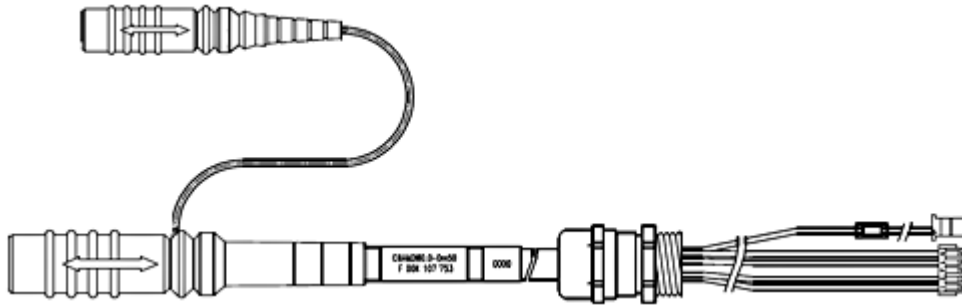
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XETK ECU Adapter and Power Supply Cable, pre-assembled into PG9 screwing, shield on ECU-Housing, Lemo 1B PHE - JST PHR (10fc-5fc) / Lemo 0B PHG - JST PAP (2fc-2fc), 0m50      CBAM270-0m5      F-00K-107-866



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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, JST PHR - open wires (2fc-2c), 0m19

ETV

Y-261-A24-446



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

KA50

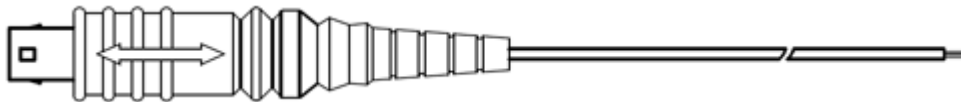
F-00K-000-940



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

K70.1

F-00K-109-270



## 7 - ECU Connection (XETK-V2.0B)

ETAH1 XETK ECU Adapter, Samtec - Mictor (50mc - 38mc), 0m21

ETAH1

F-00K-105-252

## 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



\* former Freescale

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

