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## 1 Legal information

LICENSE TERMS SEE <http://www.seng.de/license.html> or MANUAL "digital logik kernel - dlk51", CHAPTER 1. PLEASE READ LICENSE TERMS CAREFULLY BEFORE USING DELIVERED ITEMS (INCLUDING "UPDATES"). BY USING DELIVERED ITEMS, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS LICENSE.

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## 2 Extent of delivery

- eMOD-o

## 3 Features

- RS-232 transceiver, 2/1-channels
- board can be used for MAX(3)232 / MAX(3)222 (with shutdown)
- installed transceiver: MAX3232, 3...5V power supply
- configuration: 2 x RS-232 with RD and TD or 1 x RS-232 with RD and TD and RTS and CTS. Configuration via jumpers
- crossing of RD-TD, RTS-CTS via jumpers
- D-sub connector 9-pins, female, for RS-232, PC-compatible. Alternative: 10-pin header (.100" centers, DIN41651)
- optional: D-sub connector 9-pins, female, for RS-232, PC-compatible or 10-pin header (.100" centers, DIN41651)
- 2 x 'eLAB' link (8 x I/O, VCC, GND), configuration of I/O allocation via jumpers
- power supply via 'eLAB' link

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## 4 First steps

Thank You for using one of our products. Additional information may be available at <http://www.seng.de>

### 4.1 Safety, electromagnetic compatibility (EMC)

This product is specified for use **with test and prototype platforms for hardware and software development in laboratory environments** or for **installation in electrical appliances**. Product environment has strong influence on safety- and EMC-behaviour. Use, processing and operation of this product must be limited to trained persons or institutions and be in accordance to legal provisions, safety- and EMC-rules. This product is sensitive to ESD, handle only at static-safe workstations.

### 4.2 System requirements

- depending on application
- power supply via 'eLAB' link, minimum voltage 3V, maximum voltage 5V5

### 4.3 Installation

- setup jumpers according to needs
- install link connections according to needs

### 4.4 Additional informations

- schematic eMOD-o
- applications and sources at our internet pages (<http://www.seng.de>)