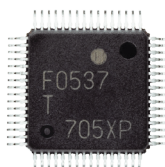# KNX System Components

SIEMENS

Transceivers

TP-UART2/2+ the next generation KNX transceivers
• Compatible with its predecessor
• Enhanced features, 3,3V or 5V power supply
• 50mA at 3,3V or 5V and 25mA at 20V
• TP-UART2+ with 115.2kBaud hostcontroller interface

KNX System Stack

KNX microcontrollers, the NEC 78F series already contain the KNX BCU 2.5 system software.
In combination with the TP-UART, it is the ideal chipset for fast development of KNX applications.
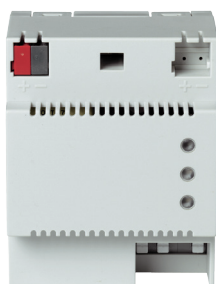• Package: 64-PIN-TQFP 7x7 mm

BIM Modules

BIM M13x series, consists of the chipsets (TP-UART + KNX microcontroller) mounted with all necessary components.
• Contains the BCU 2.5 system
• BIM M130   8K Flash
• BIM M131   16K Flash
• BIM M132   48K Flash

OEM Devices

OEM Devices available in neutral or customized version
• Power supplies
• Line couplers
• Actuators for lighting and shading control
• Occupancy sensors
• DALI gateways
• USB interfaces
• IP routers/IP gateways
• Thermostats
and more

KNX
System Components

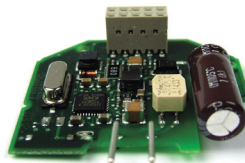# KNX Development Tool Package

The development tool package contains everything needed to write an application program: the evaluation board, the Renesas E1 microcomputer development system and the BIM Tools software. A size limited version of the IAR embedded workbench is available at www.renesas.eu free of charge.

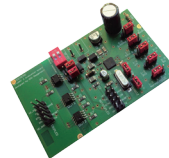**€ 398,-**
plus VAT

TP-UART2 Test board

TP-UART2 only
Normal mode
5V supply selected
V20 available
All host interface signals available

€ 35,80
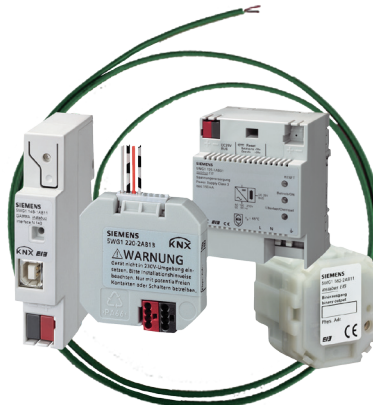plus VAT

TP-UART2/2+ Evaluation board

TP-UART 2 and TP-UART 2+ versions
Evaluation board with adjustable parameter

€ 148,- / € 198,-
plus VAT

KNX Starter Kit

For commissioning and testing we offer a KNX hardware environment consisting of a power supply, an Interface (alternatively RS232, USB or IP), a push button sensor and a 230V/2x10A actor. Furthermore 2 meters of KNX cable and the corresponding product database.
Optional is the Tool Software ETS-Light available. The ETS- Light version is limited to a max. of 20 devices per project.

€ 299,-
plus VAT

KNX Tools and Packages

KNX® System Components

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