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EnOcean Programmer Kit EPK 350

EnOcean Programmer Kit EPK 350 upgrades the Starter Kit ESK 300 to the Developer Kit. If you have already the starter kit, this is the best way to start developing with Energy Harvesting Wireless Sensor Technology.

EPK 350 comes with a combined programmer and demo board (EOP 350), the transceiver module TCM 320 and the universal sensor module STM 300 on adapter board.

It supports line-powered applications based on transceiver modules and self-powered applications based on sensor modules including energy conversion and storage.

EnOcean modules offer a pre-defined feature set for energy management, data acquisition, data processing and wireless data transmission. User specific applications can be implemented based on the application programming interface (DolphinAPI).

- PC software for fast and easy development of self-powered sensors, gateways and actuators
- Competitive advantage over battery-powered wireless solutions
- Technical support

DolphinAPI

Application programming interface to implement customer specific firmware based on the comprehensive Dolphin platform.

DolphinView

Visualization tool for receiving, sending and analyzing of radio telegrams (EEP, dB and timing).

DolphinStudio

Powerful PC program for configuration and programming of Dolphin chip based modules.

Key features

- Supports the international standard for energy harvesting wireless radio protocol for self-powered applications: ISO/IEC 14543-3-10 and EnOcean Alliance Equipment Profiles
- Ready to start with EnOcean security protocol
- Contains transceiver module for line-powered applications e.g. switching actuator, gateway and repeater
- Programming & configuration slots for STM 300 on adapter, TCM 320 and STM 3xy
- Easy prototyping of customer-specific hardware with patch area, jumpers and pin connectors for all signals
- App. notes, demos and firmware examples

EDK 350 content

- 1x EOP 350 Programmer/demo board
- 1x TCM 320 transceiver module
- 1x STM 300 sensor module on adapter
- 1x USB cable
- 1x User manual
- DolphinStudio and DolphinView via download

Benefits for developers

- Plug and play development kit for the EnOcean platform
- Supports software and hardware development

Type	Ordering Code
EDK 350	S3004-X350
EPK 350	S3004-F350
EDK 352	S3004-X352