EnOcean developer kits - your fastest way into Energy Harvesting Wireless Sensor Technology. They offer a complete set of energy harvesting and ultra-low-power radio technologies for the development of self-powered applications.

EDK 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 perfect 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).



Key features

- Supports the international standard for energy harvesting wireless radio protocol ISO/IEC 14543-3-101
- Covers all EnOcean Alliance Equipment Profiles and the EnOcean security protocol
- Supports self-powered sensors and 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 and pin connectors

Benefits for developers

- Plug and play development kit
- Supports software and hardware development
- PC software Dolphin Studio and DolphinView for fast & easy development
- Competitive advantage over battery-powered wireless solution
- Technical support

EDK 350 content

- EOP 350 Programmer/demo board
- USB 300 USB gateway
- TCM 320 transceiver module
- STM 300 sensor module on adapter
- STM 33x solar powered temperature sensor
- PTM 215 push button transmitter
- ECO 200 mechanical energy generator
- PTM 535 transmitter module
- USB cable and user manual

EDK 350U content

- EOP 350 Programmer/demo board
- USB 500U USB gateway
- TCM 320U transceiver module
- STM 300U sensor module on adapter
- STM 33xU solar powered temperature sensor
- PTM 215U push button transmitter
- ECO 200 mechanical energy generator
- PTM 535U transmitter module
- USB cable and user manual

EDK 400J content

- EOP 350 Programmer/demo board
- USB 400J USB gateway
- STM 400J sensor module on adapter
- STM 43xJ solar powered temperature sensor
- PTM 215J push button transmitter
- ECO 200 mechanical energy generator
- PTM 535J transmitter module
- USB cable and user manual

Type	Ordering Code
EDK 350	S3004-X350 (868 MHz)
EDK 350U	S3054-X350 (902 MHz)
EDK 400J	S3064-X400 (928 MHz)

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