

EnOcean Developer Kit EDK 400J (928MHz)

EDK 400J – the developer’s kit for EnOcean 928 MHz modules. Your fastest way into Energy Harvesting Wireless Sensor Technology. It offers a complete set of energy harvesting and ultra-low-power radio technologies for the development of self-powered applications.

EDK 400J 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 (Dolphin V4 API).

Key features

- Supports the international standard for energy harvesting wireless radio (EnOcean Alliance Equipment Profiles)
- Supports self-powered sensor products and line-powered applications (e.g. switching actuator, gateway and repeater)
- Programming & configuration slots for most EnOcean radio modules
- Easy prototyping of customer-specific hardware with patch area and pin connectors
- Application notes, demos and firmware examples

Benefits for developers

- Plug and play development kit
- Supports software and hardware development
- PC software for fast & easy development of self-powered sensors, gateways and actuators
- Competitive advantage over battery-powered wireless solution
- Comprehensive technical support



Dolphin V4 API

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, RSSI value and timing).

DolphinSuite

Powerful PC applications for configuration and programming of Dolphin V4 chip based modules.

EDK 400J content

- EOP 350 Programmer board
- USB 400J USB gateway
- STM 400J sensor module on adapter
- STM 43xJ solar powered temperature sensor
- PTM 210J push button transmitter
- ECO 200 mechanical energy generator
- PTM 430J transmitter module
- USB cable
- User manual
- DolphinSuite and DolphinView via download

Type
EDK 400J

Ordering Code
S3064-X400 (928 MHz)