



@ANY DESIGN 2400SC-3 2.4GHz/IEEE802.15.4 Development Kit



@ANY DESIGN Development Kit is a comprehensive toolset enabling easy bring-up, validation and design of high-performance @ANY2400SC-3 module-based prototypes and products, as well as fast adaptations of example applications. Developers get full access to programming resources allowing to apply other compatible communication stacks and preferred applications. By using a simple access to all available and supported module hardware interfaces, you can adapt various device extensions for testing and verification. @ANY DESIGN kit provides an easy environment for exploratory analysis of system characteristics such as coverage, range, antenna behavior as well as working principles of different networking architectures. The kit can help create scalable systems using interoperable 2.4GHz products available from A.N. Solutions.

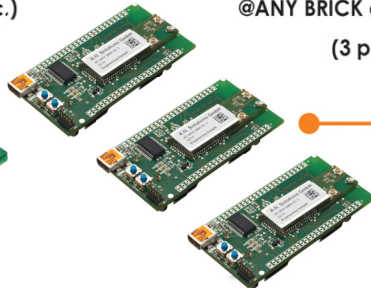
@ANY DESIGN Contents:

@ANY USB Dongle (1 pc.)



@ANY BRICK development boards

(3 pcs.)



Software & documentation CD

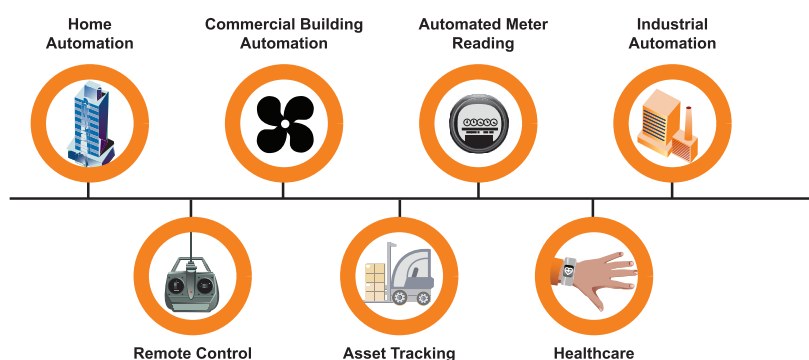


mJTAG stand-off adapter (1 pc.)



@ANY DESIGN Development Kit's Features & Benefits

- Fully programmable @ANY2400-1 USB dongle, two @ANY2400SC-3-1 and one @ANY2400SC-3-2 BRICK boards
- USB Dongle for supporting IT-based infrastructure, PC-based example visualization as well as allowing extended testing with provided BRICK development boards
- mJTAG stand-off programming connector for bridging to standard JTAG debugger/programmer interface
- Smart MAC Suite (SMS) Base with example applications
- Reference implementations and example applications in source, utilizing various interfaces by upgrading to SMS Pro version
- Easy integration of various sensors with example applications to @ANY BRICK boards
- Compatibility with 3rd party embedded software applications such as Atmel's BitCloud® stack and associated ANSI C API programmability, and 6LoWPAN applications
- Optionally available SMS Pro software version is designated to be a code base for customer requested extensions and is supplied in both binary form to be controlled by AT commands and as a programming library in order to facilitate custom extensions, such as support of third-party sensors





BRICK Development Board for IEEE 802.15.4/ZigBee® Wireless Mesh Networking Applications

AT-ANY-2400-SC-3 Brick development board contains:

- Amplified high-power AT-ANY-2400-SC-3-1/2 module with LNA
- Provision and support of scalable antenna diversity between integrated chip antenna and U.FL connectors that allows the integration of versatile external antennas
- Integrated USB interface
- mJTAG programming & debugging interface
- Reset button and programmable push button
- Integrated UID chip
- Programmable LEDs
- Full support of applicable & adaptable sensors (based on planned pick-up extension boards) with reference applications:
 - Sensirion SHT21, ultra-small fully calibrated humidity and temperature sensor
 - 3D accelerator sensor, BMA145 by Bosch Sensortec
- Full access to all module interfaces via pin-connector
- Self sustaining operation due to 2 AAA battery support
- Pre-programmed SMS Base examples



@ANY USB Dongle

AT-ANY-2400-1 USB Dongle contains:

- @ANY2400-1 dual-chip module with integrated chip antenna
- Integrated USB interface
- mJTAG programming & debugging interface
- Application LED
- Pre-programmed with SMS Base examples

Important Feature Extensions

- Design kits could be extended with hardware and SW customized on demand
- Design kits supporting external antennas can be extended with pre-qualified high-gain antenna bundles by A.N. Solutions. Please inquire for details.

Protocol Analyzer Software

30-Day Evaluation Version of the latest IEEE 802.15.4/ZigBee/ 6LoWPAN Protocol Analyzer for 2.4 GHz ISM band that was jointly developed with Perytons Ltd. is supported by USB Dongle included in the development kit. You can also request to download the Free 30-day Evaluation Version at www.perytons.com



Ordering Information	
Part Numbers	AT-ANY-DESIGN 2400SC-3 (based on @ANY2400SC-3 RF Modules)
Availability	Available upon request

IMPORTANT NOTE: All data contained herewith are preliminary data only.

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