



Fast, flexible, and easy prototyping for IoT

Infineon's Shield2Go boards and My IoT adapter

www.infineon.com/s2go-myiot





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Through semiconductors and innovation, Infineon makes growth possible. With its technologies, Infineon helps to create sustainable and stable IoT environments by providing solutions for advanced sensing capabilities – data collection through sensors – control and processing (microcontrollers), security, and efficient power management.

Key benefits



Faster prototyping and faster time-to-market



Customized prototyping



Easy to connect to external systems



Flexible use



Cost-savings - Arduino ready at an attractive price

Shields2Go Overview

Advanced sensing capabilities for edge devices



DPS310 Pressure Shield2Go

Featured product: DPS310 pressure sensor
OPN: S2GOPRESSUREDPS310TOBO1

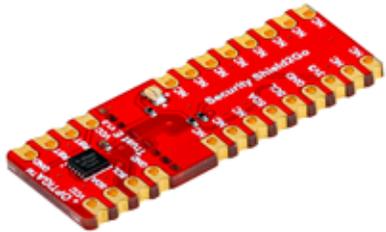
TLV493D 3DSense Shield2Go

Featured product: TLV493D-A1B6 magnetic sensor
OPN: S2GO3DSENSETLV493DTOBO1

TLI4970 Current Sense Shield2Go

Featured product: TLI4970-D050T4 magnetic sensor
OPN: S2GOCURSENSETLI4970TOBO1

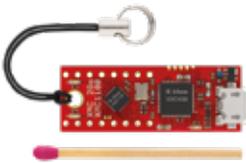
Trusted security solutions



OPTIGA™ Trust E Security Shield2Go

Featured product: OPTIGA™ Trust E Security
OPN: S2GOSECURITYOPTIGAETOBO1

Cross-application control



XMC 2Go Kit

Featured product: Kit 2Go with XMC1100 MCU
OPN: KITXMC2GOXMC1100V1TOBO1

Prototyping has never been easier

Infineon's Shield2Go boards are equipped with one featured Infineon IC and provide a standardized form factor and pin layout for fast orientation.

All boards come with solderless connectors allowing designers to stack the boards instead of soldering them. This makes the Shield2Go boards simple, reusable, and flexible.

In addition, each Shield2Go comes with a dedicated and ready-to-use, free Arduino library. The Shield2Go boards are compatible with all Arduino solutions with Infineon's My IoT adapters.

This combination of flexible hardware components and accompanying software speeds up the prototyping process. Designers now can select only those components that the intended design and layout require, thus reducing the costs for a "box" or all-in-one solution of components that are rarely used in its entirety.

My IoT adapter



OPN: MYIOTADAPTERTOBO1

My IoT adapter board for arduino

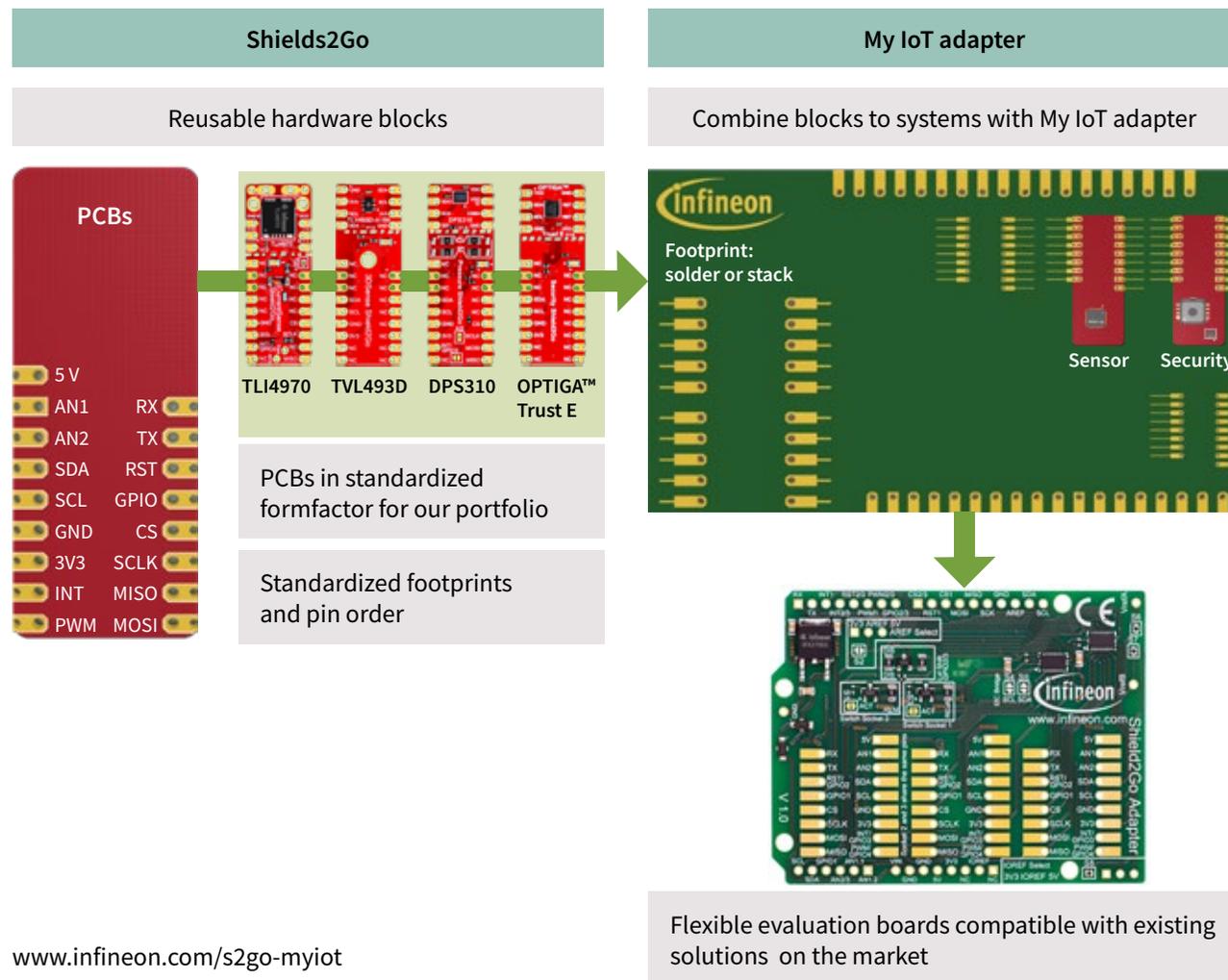
Dare to innovate

The My IoT Adapter board enables designers to combine the Shield2Go boards into a system. Infineon's flexible evaluation boards are compatible with the existing solutions on the market.

My IoT adapters act as gateways to external hardware solutions such as Arduino and Raspberry Pi, which are popular IoT evaluation platforms.

Shields2Go and My IoT adapter

Concept for modular blocks of hardware – flexible and reusable



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Maximum flexibility with minimum effort

The IoT market and environment consist of a variety of different wireless connectivity technologies, offering varying benefits. In the end, it is the designer who decides which to use.

Infineon's new prototyping concept consists of a hardware and a software package that allows designers to quickly and efficiently set up the demonstration environment. The prototyping concept based on Shield2Go boards and My IoT adapters provides designers with the flexibility they seek.

Engineers can now develop their own, customized system solutions by selecting and combining Shield2Go boards in multiple ways based on their needs and use cases. Together with Infineon's My IoT adapters, they are able to easily connect to external systems.

Where to buy

Infiniteon distribution partners and sales offices:
www.infineon.com/wheretobuy



Mobile product catalog
Mobile app for iOS and Android.

Service hotline

Infiniteon offers its toll-free 0800/4001 service hotline as one central number, available 24/7 in English, Mandarin and German.

- > Germany 0800 951 951 951 (German/English)
- > China, mainland 4001 200 951 (Mandarin/English)
- > India 000 800 4402 951 (English)
- > USA 1-866 951 9519 (English/German)
- > Other countries 00* 800 951 951 951 (English/German)
- > Direct access +49 89 234-0 (interconnection fee, German/English)

* Please note: Some countries may require you to dial a code other than "00" to access this international number.
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