



IoT应用的快速、灵活、简单的原型模板设计

英飞凌的Shield2Go板和My IoT适配器

www.infineon.com/2go





英飞凌的Shield2Go板和My IoT适配器

易于评估以缩短产品上市时间

英飞凌通过半导体和创新, 实现了增长。英飞凌凭借其技术, 通过传感器、控制和处理 (微控制器)、安全和高效的电源管理为客户提供具有先进传感能力的解决方案, 帮助客户创建可持续和稳定的物联网环境。

主要优点



加快开发,
缩短产品上市时间



定制化
设计



易于连接到外部系统



灵活使用



节省成本 - 可直接用于
Arduino并且价格诱人

设计就是如此简单

英飞凌的Shield2Go板采用英飞凌特有的芯片，标准的模块封装设计和引脚布局可以实现快速定位。所有电路板都配有无焊点连接器，使设计人员可以堆叠电路板而无需焊接电路板。这使得Shield2Go板的使用变得简单而灵活。此外，每个Shield2Go板都配有专用的Arduino软件库。

Shield2Go板与配有英飞凌My IoT适配器的Arduino Uno兼容。这种灵活的硬件组件和附带的软件组合加速了原型设计过程。设计人员现在只需选择那些预期的设计和布局所需的部件，从而降低整体中很少使用的“盒子”或一体化解决方案的成本。

产品概述

边缘设备的先进传感能力



DPS310 Pressure Shield2Go

特色产品: XENSIV™

压力传感器 DPS310

OPN: S2GOPRESSUREDPS310TOBO1

接口:



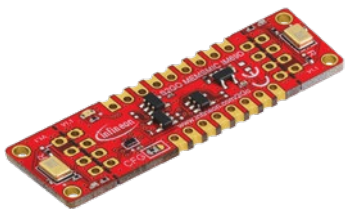
TLV493D 3DSense Shield2Go

特色产品: XENSIV™ 磁性

位置传感器 TLV493D-A1B6

OPN: S2GO3DSENSETLV493DTOBO1

接口:



IM69D130 Microphone Shield2Go

特色产品: XENSIV™ MEMS

麦克风 IM69D130

OPN: S2GOMEMSMICIM69DTOBO1

接口:



TLI4970 Current Sense Shield2Go

特色产品: XENSIV™ 磁流

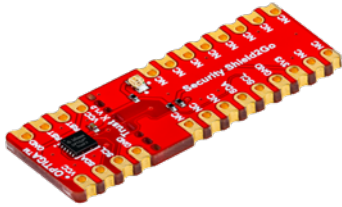
传感器 TLI4970-D050T4

OPN: S2GOCURSENSETLI4970TOBO1

接口:



值得信赖的安全解决方案



OPTIGA™ Trust X Security Shield2Go

特色产品: OPTIGA™ Trust X SLS 32A1A
OPN: S2GOSECURITYOPTIGAXTOBO1

接口:



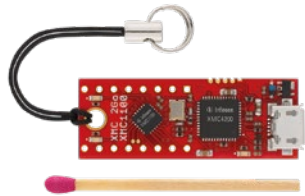
OPTIGA™ Trust E Security Shield2Go

特色产品: OPTIGA™ Trust E SLS 32A1A
OPN: S2GOSECURITYOPTIGAETOBO1

接口:



多应用的控制



XMC™ 2Go kit

特色产品: XMC1100 (ARM® Cortex™-M0 based)
OPN: KITXMC2GOXMC1100V1TOBO1

接口:



Arduino的My IoT适配器板



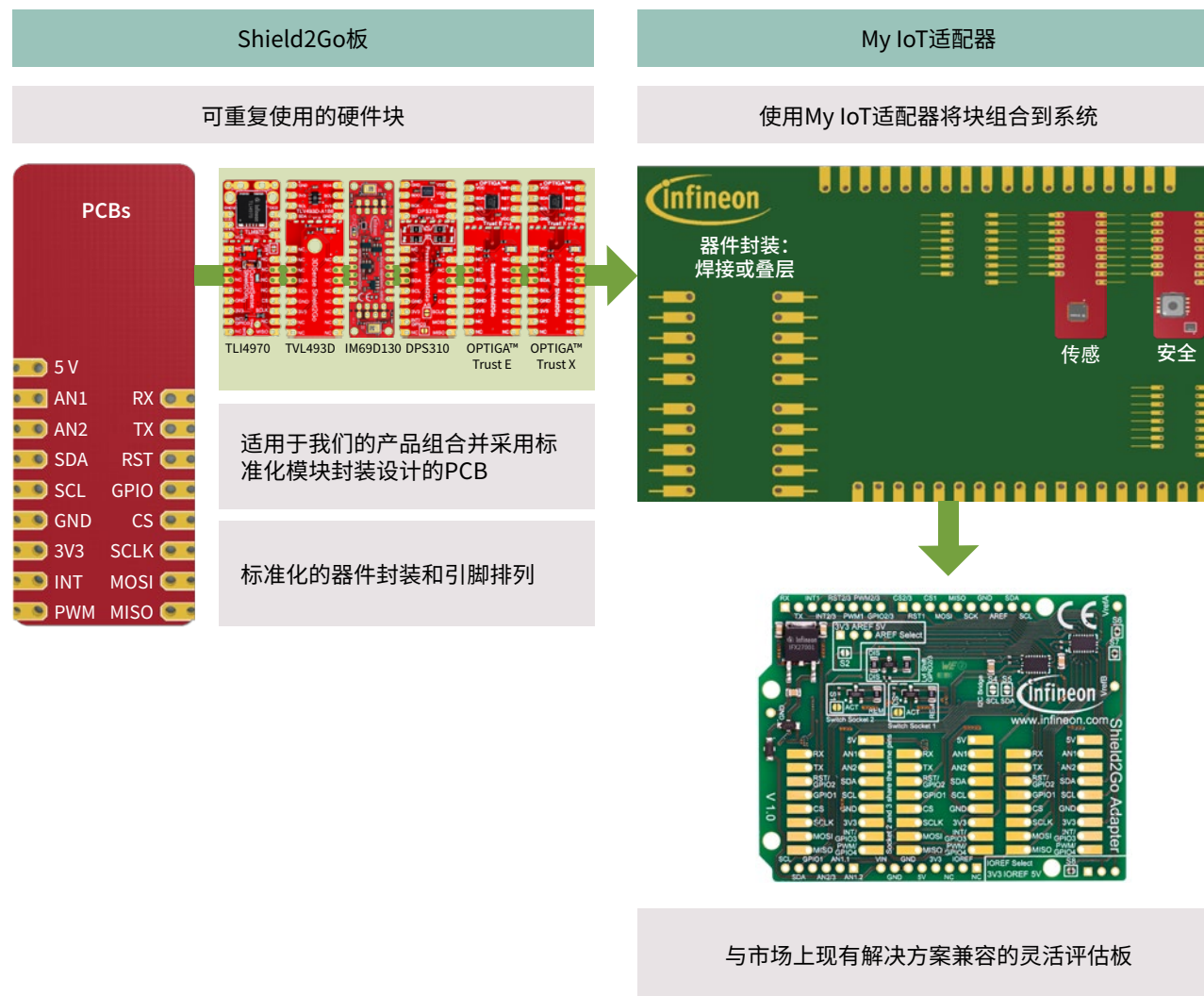
My IoT适配器板使设计人员能够将Shield2Go板组合到一个系统中。英飞凌灵活的评估板可以与市场上现有的解决方案兼容。

而My IoT适配器则充当外部硬件解决方案(如Arduino)的网关, Arduino是最常见的物联网评估和原型设计平台之一。

OPN: MYIOTADAPTERTOBO1

Shield2Go板和My IoT适配器

模块化的硬件概念



最小的投入获得最大的灵活性

物联网(IoT)市场和环境由一系列不同的无线连接技术组成,提供不同的价值。最终由设计人员选定采用什么技术。

英飞凌的新原型概念由硬件和软件包组成,使设计人员能够快速有效地设置演示环境。基于Shield2Go板和My IoT适配器的原型概念为设计人员提供了设计所需的灵活性。

工程师现在可以根据自己的需要和用例,通过多种方式选择和组合Shield2Go板,从而开发自己的定制系统解决方案。配合英飞凌的My IoT适配器后,可以轻松与外部系统连接。

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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