



Start Up  
Guide



# Portfolio

With Avnet Silica, you're in great company. You benefit from one of the industry's most comprehensive semiconductor manufacturer portfolios. You can always count on our highly qualified engineering and technical marketing professionals. And you have an enviable resource at your disposal with our extensive knowledge of markets and applications.



# Strong Partnership – Excellent Services

Whether you're being kept awake at night by a fantastic idea or have already started development, we're here to help. Our unparalleled range of products, expertise and services ensure you'll get it right – the first time.

## GET EXPERT GUIDANCE RIGHT FROM THE START

- Avoid common engineering pitfalls by receiving expert guidance from certified, experienced engineers, both online and in person.
- Use flexible prototyping kits, demos and reference designs to validate your ideas without investing in costly facilities and materials.

## THINK HOW FAR YOUR PRODUCT CAN GO. WE'LL HELP YOU MAKE IT GO FURTHER

- Access hundreds of innovative sources and suppliers to get cutting-edge components that will make your product future-ready.

## BREAK THROUGH THE BARRIERS TO SUCCESS

- Ask our experts for advice on the parts you need, receive them quickly, watch them carry your product into the future.
- Ensure you have a watertight delivery schedule with Avnet's proven supply management programs, tools and resources.

## REACH FURTHER WITH AVNET SILICA

- Focus your energy on developing new concepts and let Avnet do the heavy lifting on the manufacturing, delivery and support of your existing products.
- Grow your business with the power of the Avnet ecosystem and communities: from creators and start-ups to seasoned professionals, they want to learn about your cutting-edge solutions and hear your perspective.

Avnet has enabled countless companies to forge their path of innovation for nearly 100 years. Why not be one of them? Partner with Avnet and make our connections into your connections.

# Visible Things™ - The Edge to Enterprise IoT Platform

Avnet Silica introduces the Visible Things Development Kit for Industrial IoT Applications. Visible Things simplifies the complexity of secure, edge to enterprise IoT technology.

## SK002 - INDUSTRIAL STARTER KIT

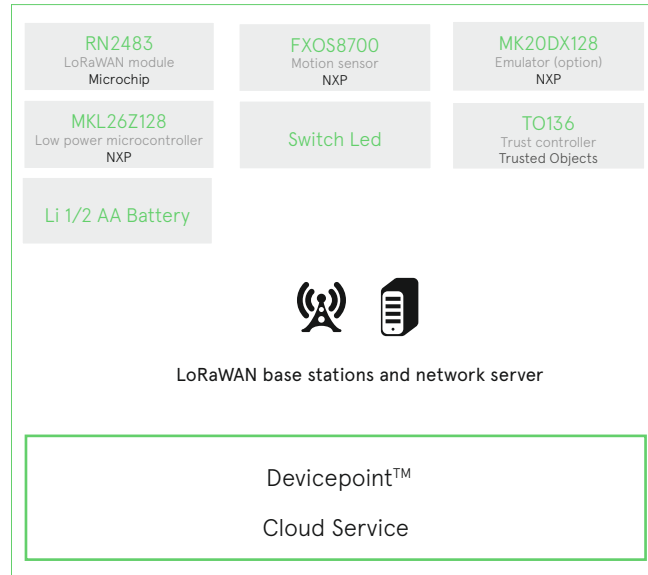
Industrial Gateway with Energy Harvesting Environmental Sensor





## LORAWAN SMART SENSOR

The LoRaWAN Smart sensor, together with local sensors, is managed by an NXP Cortex-M0 microcontroller. Whether a private or public LoRaWAN network is being used, Avnet Silica can support the integration between the network server and a cloud service such as Devicepoint.



Visible Things simplifies the complexity of secure edge to enterprise IoT technology. It delivers a complete evaluation and reference platform to connect smart devices right through to the cloud and enterprise software. Avnet supports a broad and growing range of sensors, connectivity, gateway and security technologies, together with cloud, analytics, mobile and enterprise integration services. We regularly add new features, provide updates and deliver training on our Visible Things platform.



# Hardware Studio

Turning an idea into a finished product takes time, patience, and perseverance. If you've never done it before, it's hard to know what questions to ask or what challenges to anticipate. So we're creating the Hardware Studio Toolkit. It's a resource to help you learn about the design and manufacturing process from experienced creators, industry experts, Kickstarter staff, and engineers from Dragon Innovation and Avnet. This free resource will feature:

## Live webinar series

Engage with experts through live sessions on prototyping, engineering, manufacturing, supply chain management, fulfilment, and more.

## Access to powerful tools

Free access to online tools, including Dragon Innovation's Product Planner, to help provide detailed insights on your project cost, component availability and production timelines.

## Blog posts and tutorials

A curated selection of tutorials and other reference materials to learn from.

As part of Hardware Studio Connection, Dragon and Avnet will provide services to creators working on more advanced projects who could benefit from the expertise of seasoned engineers. Following a simple application process, accepted creators will have access to tailored resources and personalised feedback that will help them set a manufacturing plan. Taking part in this programme will offer Kickstarter creators:

## Expert advice

Connect with engineers and manufacturing specialists at Avnet and Dragon to ask questions, strategise, and get access to services.

## Elevated visibility

Projects participating in Connection may be highlighted on Kickstarter.

## Discounts and savings

Get discounts from Avnet on hardware components and extended free use of Product Planner from Dragon.

## Supply chain support

Get help from Avnet with planning your supply chain to avoid delays, and access a credit line to finance component purchases.

Dragon and Avnet are independently offering Hardware Studio Connection to Kickstarter creators. Kickstarter is not involved in providing these services.

The logo for Kickstarter, featuring the word "KICKSTARTER" in a bold, sans-serif font. "KICK" is in black and "STARTER" is in green.The logo for Avnet, featuring the word "AVNET" in a bold, sans-serif font with a stylized triangle above the 'A'. Below it is the tagline "Reach Further™".The logo for Dragon Innovation, featuring a red square with a white lowercase 'd' inside, followed by the text "DragonInnovation" in a sans-serif font.

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