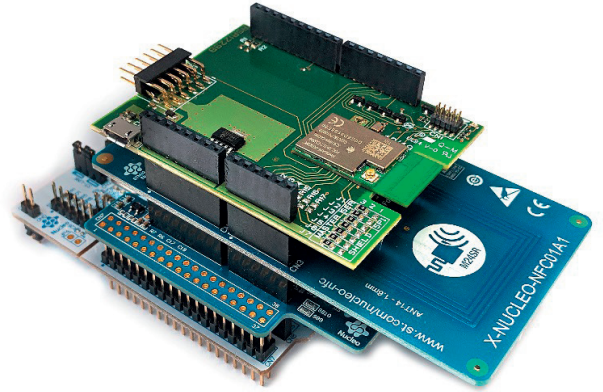# HoriZone kit

AVNET® SILICA

CONTENT

- NUCLEO-L476RG Nucleo-64 development board based on STM32L476RG MCU
  - support Arduino UNO R3 & ST Morpho Connectivity
- X-NUCLEO-IKS01A2
  - 3D accelerometer and 3D gyroscope (LSM6DSL),
  - LSM303AGR 3D accelerometer and 3D magnetometer,
  - HTS221 humidity and temperature sensor
  - LPS22HB pressure sensor
- X-NUCLEO-NFC01A1
  - dynamic NFC tag expansion board based on M24SR
- AVNET WiFi Shield
  - WiFi Board based on Azurewave AW-CU300A module
- Avnet-CLD-AZURE1 FW package
- Fast 2 minute connectivity to Microsoft Azure to show sensor data

PRODUCT CODE:

AVSHORIZONE-NUCLEO-WIFI

TARGET SEGMENT & USE CASES

- Smart City: Traffic-, Parking-, Waste management
- Smart Building: Predictive maintenance, Automation
- Smart Industry: Predictive maintenance
- Smart Health: Alarming
- Tracking: Assets
- Farming: Monitoring
- Retail: Scanning

Microsoft Azure

Powered by ST

October 2019

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