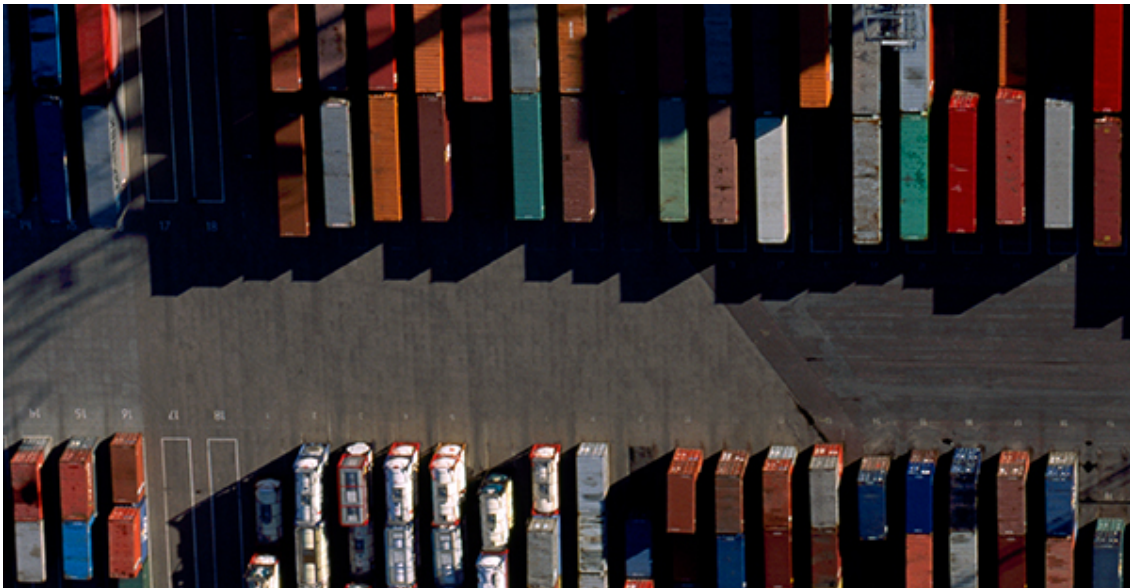




NEW VALUE-OPTIMISING SOLUTIONS

We at ACTE INDUSTRY are thrilled to announce a number of new products, three of which have found their way to this newsletter: CO2 Sensors by muRata, emergency stops by EAO, and NB-IoT modules by Quectel. We would like to take this opportunity to thank everyone for a fantastic year, and we are looking forward to continuing our close cooperation with customers and business partners in 2020. A Merry Christmas and a Happy New Year to all!





NEW MURATA CO2 SENSORS

muRata has launched three new non-dispersive infrared (NDIR) CO2 sensors for greenhouses, smart agriculture applications and HVAC applications. These products outperform other methods of CO2 detection typically used in home appliances and IoT air quality applications.

muRata's new (NDIR) CO2 sensors are designed to retain calibration regardless of any degradation that may occur over time. Due to low drift, the new sensors only require a small margin for the CO2 concentration control setting, which helps to enable maximum energy savings. The sensors have a built-in high-performance air filter with a design life of ten years+ and they are equipped with a built-in surge protection power circuit.

For further information about the products click [here](#). If you would like to know more or get design support from ACTE INDUSTRY, don't hesitate to [contact](#) us.



OUTSTANDING EAO EMERGENCY STOPS

EAO is introducing a new family of emergency stops, suited for use in handheld and compact applications where outstanding mechanical, electrical and environmental performance goes hand-in-hand with restricted panel depth.

With a low back panel depth of only 13.5mm with cable connection, the Series 84 switches are ideal for use in ergonomic applications including the latest process automation, robotics and material handling control equipment. LED illumination provides visibility, status and location guidance even in ambient light conditions. The integrated red LED is equipped with reverse polarity protection and a constant current source to enable consistent brightness at operating voltages ranging from 5 VDC to 30 VDC. The emergency stops are available with either solder or plug-in terminals or fitted with a 300mm flat ribbon cable. Find more information [here](#) or [contact us](#) for a non-binding talk about this series.



NEW FAMILY OF NB-IOT MODULES

BG95 is a series of global multi-mode Cat-NB2 and Cat-M1 modules with optional GSM backup. BG95 comes with integrated GNSS functionality and a variety of interfaces such as: UARTs, USB, I2C, ADC and 6xGPIO. The new BG95 module by Quectel is based on the latest chipset from Qualcomm and fully compliant with the 3GPP Rel. 14 specification.

By leveraging the integrated ARM Cortex A7 processor with adequate RAM and flash, the BG95 allows designers to save on the cost of an MCU and PCB space. Reduction in PSM leakage as well as eDRX current makes the BG95 an ultra-low power consumption module especially suited for battery application. BG95 enables a wide range of connected applications such as Smart City, Smart-Metering and Asset Tracking.

For further details about the products click [here](#). You are more than welcome to [contact us](#) for additional information or a demonstration of the development tools.



Sales and inquiries

+ 45 46 900 400

Monday – Thursday 9-16

Friday 9 - 15.30

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