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FACT SHEET | qID'EM DEMO KIT
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qID'EM Demo Kit

General Specification

The qID'EM Reader Android app supports all EPC Class-1 Gen-2 tags, but offers enhanced user experience for the following tags:

em|echo-V dual frequency device supporting ISO/IEC 15693, ISO/IEC 18000-3 Mode 1, NFC Forum Type 5 Tag, ISO/IEC18000-63, EPCTM Gen2v2, and ISO/IEC 29167-10. For more information click on the following link: http://echo.emmicroelectronic.com/

em|echo and em|echo-T dual frequency device supporting ISO/IEC 14443 Type A, NFC ForumTM Type 2 specifications, ISO/IEC 18000-63 and EPC Gen-2 V2.

EM4325 352b EPC/UII memory, 256b TID memory, 3072b User memory, passive or BAP IC with embedded temperature sensor, tamper detection, SPI serial interface or 4 GPIO pins for enhanced read range, temperature measurements, electronic seal, sensor RF interface or microcontroller RF interface applications.

EM4124 96b EPC/UII memory, 64b TID memory, low-cost passive IC for SGTIN-96 applications

EM4126 208b EPC/UII memory, 32b TID memory, low-cost passive IC for SGTIN-96 or SGTIN-198 applications.

EM4324 96b EPC/UII memory, 64b TID memory, 720b User memory, passive or BAP IC with tamper detection for enhanced read range or electronic seal applications.

Description

The *qID mini* reader from CAEN RFID (https://www.caenrfid.com/en/products/r1170i-qidmini/) and the qID'EM Reader Android application (App) are designed to easily demonstrate the different features of the EPC Class-1 Gen-2 tag ICs being developed by EM Microelectronic. The Android App also embedded an automatic tag detection natively supporting the main UHF chips of the market. To order a qID mini reader please contact directly CAEN RFID (info@caenrfid.com)

Demo kit items

l qID'EM Reader Android app is available on the Google Play Store.