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SEQUITUR LABS



The Fast Track to Secure Devices

HelmsDeep96 BOARD

+ KEY COMPONENTS

- + ATSAMA527C-D1G SiP (CortexA5+1Gbit DDR2)
- + ATECC608 Secure Element
- + MIC2800 PMIC
- + KSZ8081 100Mbit Ethernet Phy
- + ATWILC1000 IEEE802.11 b/g/n Wi-Fi
- + DSC6011 MEMs Clocking 12MHz + 25MHz
- + Micron 256MB Flash
- + Pulse RJ45 MagJack
- + TE SD-Card socket

+ CUSTOMIZATION AVAILABLE

- + Designed for pre-production purposes and can be used for proof-of-concept development and testing ATECC608 Secure Element
- + Customized production-ready systems are available by Arrow Electronics

EmSPARK™ SECURITY SUITE

+ FOUNDATIONAL SECURITY

- + Trusted boot
- + Secure enclave/trusted execution
- + Key injection, management, trusted device ID

+ STRONG SECURITY + ABSTRACTION = FASTER TIME-TO-MARKET

- + Abstracts SoC complexity
- + Streamlines process from design to manufacturing
- + Drastically reduces time-to-market for complex hardware designs

+ PROTECT FIRMWARE THROUGH PRODUCT LIFECYCLE

- + Provisioning process for manufacturing in nonsecure facilities
- + Prevent counterfeiting, firmware theft, and unauthorized production

+ PRELOADED ON HelmsDeep96 BOARD

- + Focus on your application, not on security implementation
- + Achieve secure-by-design while staying on schedule

Available for download now!



Download the EmSpark™ Security Suite software evaluation kit at
<https://www.sequiturlabs.com/iot-security-suite/free-iss-eval-kit>

