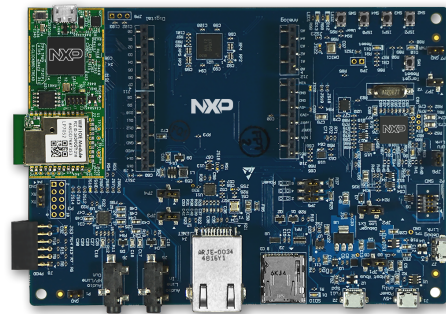


LPC54018 IoT SOLUTION WITH AMAZON FreeRTOS



MODULE FEATURE SUMMARY

- Amazon FreeRTOS enabled, ready for use in designs powered by AWS
- Flashless LPC54018 power-efficient MCUs with advanced peripherals based on the Arm® Cortex®-M4 core, running at 180 MHz
- High-speed USB device port
- Longsys GT1216 Wi-Fi module based on Qualcomm QCA4004
- Macronix 128Mb flash (MX25L12835FM2)
- Dual Hirose expansion connectors provide access to wide range of peripherals and memory expansion
- CE (RED) and FCC Certified
- External debug probe connector works with popular NXP, SEGGER, P&E Micro, iSYSTEM probes
- Reset switch



Pictured: LPC54018 MCU-based module and base board

nxp.com/LPC-AWS-Module

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