

DA14695MOD NPI OVERVIEW

JUNE 2023

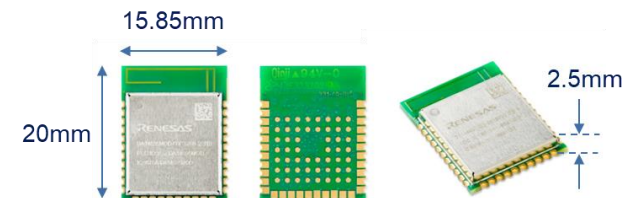
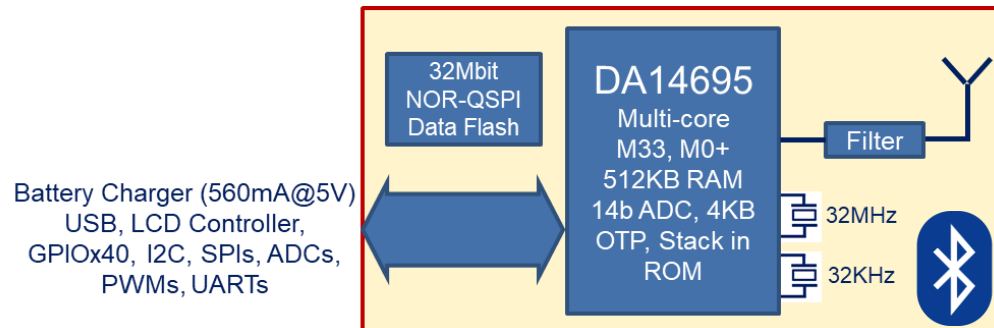
DA14695MOD PRODUCT SNAPSHOT

INTEGRATED CHARGER, DISPLAY DRIVER ADVANCED BLUETOOTH LE MODULE

Features	Benefits	Applications
- Multi-core: CM33F@96MHz as application core, CM0+@96MHz as configurable MAC, Sensor Node Controller - Integrated (USB) charger (JEITA support, SW Fuel-gauge) - Integrated LCD Display Controller - Receive Sensitivity -96dBm, Transmit +6dBm 8-ch. 14bit Sigma-Delta ADC - Bluetooth® LE 5.2 and proprietary 2.4 GHz protocols. - Rich range of interface options 	- Integrated PMU & charger directly supports rechargeable batteries enabling cost effective (at least >0.5\$ savings), reliable and small form factor designs - True 'solution-on-a-chip' Module, offering potential single-device product solutions - Cost-competitive solution, offering low development/qualification costs - Optional Production Line Tester for low Capex, no license fees, best-in-class test times	- Connected medical - Asset tracking (rechargeable) - Wearables/Fitness band - HID (Gaming/AR/VR) - Locationing (rechargeable) - Resilient Ranging/Proximity (WiRa™) - Home automation - Industrial automation - Rechargeable, wireless products

Product Details

World-wide regulatory certified. Comprehensive, user-friendly development environment: Pro Dev Kit/SDK, [Zephyr](#), [Micropython](#), [Github](#)
 Battery life calculator, Real-time Power Profiling, [Production Line Tester](#)



DA14695MOD-00F3200C (100/reel)
 DA14695MOD-00F32002 (700/reel)
 DA14695MOD-00DEVKT-P Pro Dev Kit
 DA14695MOD-00F1DB-P Daughterboard only

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