NEWS RELEASE

Ambiq Signs Distribution Agreement with Fujitsu Electronics Inc.

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Ambiq® (Austin,TX), a leader in ultra-low power integrated circuits for power-sensitive applications, and electronics distributor Fujitsu Electronics Inc. (FEI) today announced they have signed a distribution agreement whereby FEI will market Ambiq's Apollo family of Arm® Cortex® system on chips (SoCs) and real-time clocks (RTCs) in Japan, Asia and Europe.

With these devices, customers have an ideal solution for battery-powered and other power-sensitive applications, including Internet of Things (IoT) and wearable devices where energy savings translate into much longer battery life and enhanced feature sets. These semiconductor components can also enable much smaller batteries to be used, allowing greater creativity in the design and form factor of the end products that utilize these innovative solutions.

The Apollo family of Arm Cortex SoCs and RTCs are the world's lowest-power devices of their kind, both based on Ambiq's patented Sub-threshold Power Optimized Technology (SPOT®) platform. This innovative technology enables the ability to operate transistors at voltage levels that are far below what is considered "standard" by semiconductor industry standards, resulting in solutions that go well beyond the incremental improvements in power consumption of other semiconductor devices. The Apollo SoC features active mode current in the order of 34µA/MHz when running from flash and sleep mode current less than 150nA. In addition, Apollo SoC has made history as a microcontroller that consumes less than half the energy of any other when tested to the industry-standard EEMBC ULPBenchTM benchmark (*1).

RTCs are the first semiconductors based on Ambiq's innovative SPOT platform and have full RTC functions including advanced timekeeping and power management.

These are good solution for power-sensitive applications and provide minimum power consumption 14nA that is significantly lower than any other industry RTC.

“IoT represents unprecedented possibility for the features consumer devices can provide,” said Fumihide Esaka, CEO, Ambiq. “Fujitsu Electronics and Ambiq’s commitment to the digital transformation of the market will enable consumers to realize the full potential of their devices, often necessary for maintaining health and wellness. Ambiq is thrilled to have Fujitsu as a distribution partner and we look forward to shaping the digital future together.”

Ambiq’s Apollo SoCs and RTCs are available for shipping into high volume consumer applications.