

# Fujitsu, Staccato Partner to Offer All-CMOS Single-Chip Wireless USB

January 5 2005

---

Fujitsu Limited and Staccato Communications, Inc. today announced a partnership under which they will provide all-CMOS, single-chip wireless universal serial bus (USB) and ultra-wideband (UWB) solutions for the global marketplace.

CMOS single-chip [wireless USB](#) products are compliant with Multiband OFDM Alliance (MBOA) UWB specifications. Sampling of these chips from Fujitsu and Staccato Communications is scheduled for 2005, moving the companies closer to volume production and commercialization of these chips, targeting the consumer PC, digital home appliance, and mobile phone markets.

"Integration is the key to competitive products. Having chosen Fujitsu's advanced process CMOS technology from the outset, Staccato Communications is leading the industry with single-chip wireless USB solutions," said Joji Murakami, Group Senior Vice President, LSI Group of Fujitsu Limited. "Fujitsu aims to achieve further integration of wireless USB functionality into ASIC system-on-chips (SoC), utilizing its design capabilities. By partnering with Staccato Communications, our goal is to provide customers with optimal wireless USB/UWB technology-based solutions."

Fujitsu will offer its SoC/ASSP together with Staccato Communication's UWB products as part of its next-generation wireless USB/UWB technology-based solutions to its customers, enabling them to develop state-of-the-art products with wireless USB capabilities.

"Perhaps one of the best decisions we have made at Staccato was our choice of Fujitsu's process technology," said Roberto Aiello, founder and CTO, Staccato Communications. "For digital-centric designs like wireless USB, Fujitsu's process technologies and a rich set of libraries and IPs have tremendous advantages, and the real benefit is in how well Fujitsu's process technology and libraries are optimized to handle high-speed RF circuit designs embedded along with the digital."

Fujitsu and Staccato Communications will leverage the partnership to deliver to their customers value-added, next-generation wireless USB/UWB technology-based solutions that comply with MBOA UWB specifications to mutually grow and promote the companies' business in the wireless USB/UWB global markets.

Citation: Fujitsu, Staccato Partner to Offer All-CMOS Single-Chip Wireless USB (2005, January 5) retrieved 24 April 2024 from

<https://phys.org/news/2005-01-fujitsu-staccato-partner-all-cmos-single-chip.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.