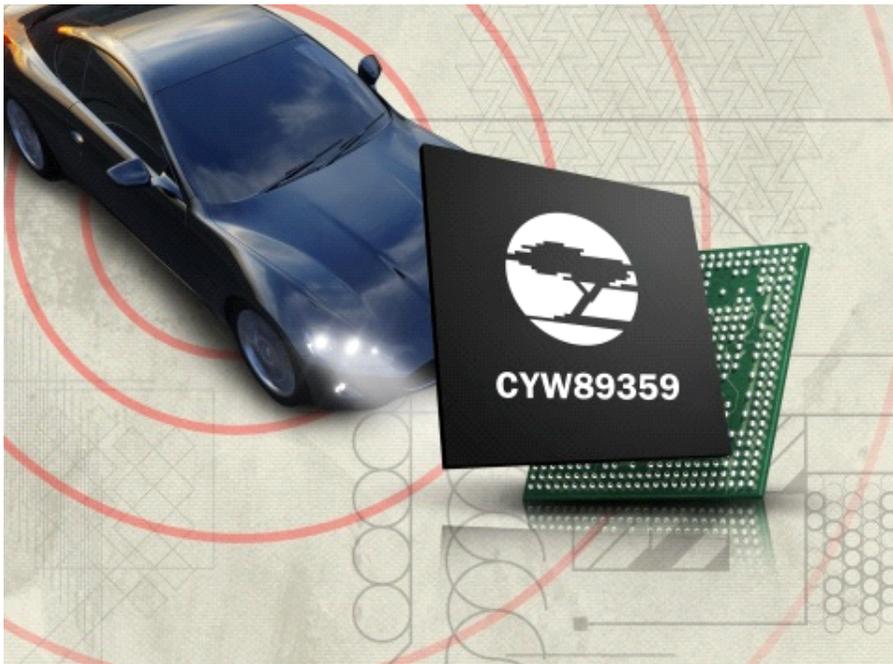January 9, 2018

Cypress Brings Superior Infotainment Experience to Connected Cars

New Wi-Fi® and Bluetooth® Combo is Industry's First to Enable Simultaneous Streaming for Multiple Devices

LAS VEGAS--(BUSINESS WIRE)-- CONSUMER ELECTRONICS SHOW - Cypress Semiconductor Corp. (NASDAQ: CY), the leader in advanced embedded system solutions, today announced production availability of a combo solution that delivers robust 2x2 MIMO 802.11ac Wi-Fi® and Bluetooth® connectivity to vehicles, enabling multiple users to connect and stream unique content to their devices simultaneously. The new Cypress CYW89359 combo solution is the industry's first to implement Real Simultaneous Dual Band (RSDB) technology, which enables two unique data streams to run at full throughput simultaneously, by integrating two complete Wi-Fi subsystems into a single chip. The solution's advanced 2.4-GHz Wi-Fi and Bluetooth coexistence engine delivers optimal performance for 2.4- and 5-GHz 802.11ac Wi-Fi and dual-mode Bluetooth/Bluetooth Low Energy (BLE) simultaneously.

This press release features multimedia. View the full release here:
http://www.businesswire.com/news/home/20180109005681/en/

Pictured is Cypress Semiconductor's new automotive-qualified CYW89359 Wi-Fi and Bluetooth combo solution for automotive infotainment systems. (Photo: Business Wire)

The RSDB architecture of the CYW89359 combo solution allows applications such as Apple® CarPlay and a Wi-Fi Hotspot to operate concurrently without the performance degradation caused by real-time switching between radio frequency (RF) bands, which is required by today's devices. The CYW89359 is fully automotive qualified with AECQ-100 grade-3 validation and is being designed in by numerous top-tier car OEMs and automotive suppliers as a full in-vehicle connectivity solution, supporting infotainment and telematics applications such as smartphone screen-mirroring, content streaming and Bluetooth voice connectivity in car kits. More information on Cypress' RSDB and 802.11ac combo solutions is available at www.cypress.com/802.11ac.

"People now expect to enjoy the same connectivity, rich multimedia content and user experience in a vehicle that they get at home," said Brian Bedrosian, vice president of marketing for the IoT Business Unit at Cypress. "Cypress' new CYW89359 combo solution has made the vision of all the passengers in a car connecting at once and each streaming their own high-fidelity video and audio content a reality. Not only is this the highest-performance Wi-Fi device in our IoT portfolio, but the solution meets our automotive customers' rigorous requirements for reliability and safety for in-vehicle applications."

Cypress is demonstrating the CYW89359 combo solution, along with its full portfolio of embedded systems solutions for automotive infotainment systems, smart homes, wearables and industrial applications, here at CES 2018 in South Hall 2 of the Las Vegas Convention Center in meeting room MP25365.

Availability

The CYW89359 combo solution is currently in full production.

Follow Cypress Online

Join the Cypress Developer Community, read our Core & Code blog, follow us on Twitter, Facebook and LinkedIn, and watch Cypress videos on our Video Library or YouTube.

About Cypress

Cypress is the leader in advanced embedded system solutions for the world's most innovative automotive, industrial, smart home appliances, consumer electronics and medical products. Cypress' microcontrollers, analog ICs, wireless and USB-based connectivity solutions and reliable, high-performance memories help engineers design differentiated products and get them to market first. Cypress is committed to providing customers with the best support and development resources on the planet enabling them to disrupt markets by creating new product categories in record time. To learn more, go to www.cypress.com.

Cypress and the Cypress logo are registered trademarks of Cypress Semiconductor Corp. All other trademarks are property of their owners.

View source version on businesswire.com: http://www.businesswire.com/news/home/20180109005681/en/

Cypress PR
Samer Bahou, 408-232-4552
samer.bahou@cypress.com

Source: Cypress Semiconductor Corp.

News Provided by Acquire Media