jjPlus Will Showcase New 802.11ac MU-MIMO WiFi and Magnetic Resonance Wireless Power at Embedded World 2018

Unleash the full potential of your solutions with JJPlus wireless technologies!

TAIPEI, Taiwan, February 9, 2018 — JJPLus Corp. a design manufacturer of high quality wireless communication and wireless power embedded solution company from Taiwan, will showcase the next-generation WiFi and Wireless Power Transfer solutions during Embedded World 2018, NUREMBURG, Germany by co-exhibit with MEV Electronik Service GmbH in Hall:3 Booth No.:341, February 27 – March 1, 2018.

Next Generation WiFi

JJPLus' 3 radio JWAP230 802.11n 3x3 2.4GHz WiFi embedded board (on-board 802.11b/g/n radio) based on the powerful QCA9558 running at 700MHz clock frequency with 2 MiniPCI-e slots to support all JJPlus 802.11ac/Wave 2 radios (2 MiniPCI-e slots are used typically to accommodate 1 WiFi and 1 LTE module with available SIM card slot). Other features include 802.3at or 48V Passive PoE and 2x Gigabit Ethernet makes JWAP230 an ideal solution to offer the performance and reliability needed for the most demanding network. In addition, JJPLus will showcase 3x 802.11ac WiFi modules:

- JWX6056, based on QCA9892, 802.11ac industrial grade, high power in half MiniPCI-e form factor

- JWX5502, based on QCA9890, 802.11ac industrial grade, high power in MiniPCI-e form factor

- JWX6058, based on QCA6174A-5, 802.11ac and Bluetooth Combo in MiniPCI-e form factor for client side application

Please visit JWAP230 and WiFi modules for an overview of JJPlus' full line of WiFi solutions.

Wireless Power Transfer

Fueled by the latest iPhone 8/X support of wireless charging, wireless power is gaining user awareness and ready to be incorporated into our daily lives. Wireless power transmitters can be placed in furniture, walls, floors, to efficiently and economically power or charge our electronic and electrical devices.

Transition from Magnetic Inductive (MI) to Magnetic Resonance (MR) Wireless Power

"The demand for longer wireless power at a distance, spatial freedom, multiple device charging plus the increase in effective wireless power surface-area are the keys to ubiquitous wireless powered devices, a point-to-point, one-to-one, short distance and closely coupled charging limitation of MI wireless power is about as good as the laws of physics can allow now. " said Jeff Shu, CEO of JJPlus Corp. "The dominant Qi standard is ever under competition from other efforts such as MR (Magnetic Resonance) and RF (Radio Frequency) wireless power. Clearly, MR and RF are the key technologies to break the barrier of spatial limitation of MI providing a natural, seamless and convenient use of wireless power in the x-y-z directions for ubiquitous adoption. Currently, MR is demonstrating a more realistic case than RF in term of power that can be delivered at a distance/area while RF is still with limited results so far which just can't meet the power hungry demands of today's devices while the power transfer efficiency is still way below acceptable level. "

JJPlus, powered the first commercially available laptop with wireless charging - Dell Latitude 7285, backed and protected by 400+ Wireless Power Transfer patents, will showcase the following latest in Magnetic Resonance wireless power solutions:

- An array of Wirelss Power Transceiver Module pairs in various power levels and footprints for OEM/ODM integration

Turn-key wireless power transmitter and receiver solutions based on jjPlus Wireless Power Transceiver Modules:
- WCTC301, a 16W Wireless Power Transmitter Charging Base with up to 56mm (but not limited to, per specific application) resonant power distance
- WCRB401, a 10W Charging Stand for Qi and Wired Devices Charging
- WCTP401, a 30W Power Pad for desktop surface-area multiple devices powering/charging

Please visit: Transceiver Modules, WCTC301, WCRB401, WCTP401 for more detail.

For more information on all other JJPlus solutions visit www.jjplus.com

Follow jjPlus:

About JJPlus Corp.

Established in 2004, JJPlus is a forerunner design manufacturer from Taiwan in wireless communication and wireless power technologies. With deep domain knowledge and engineering expertise, JJPlus has always been developing and designing collaboratively with fundamental technology partners to offer OEMs and ODMs the latest and the best by integrating JJPlus wireless solutions, gracefully, into their solutions.

To book a meeting with us on-line www.jjplus.com/#contact or email below:

Lucy Wang – Sales Manager
JJPlus Corporation
lucy_wang@jjplus.com