

July 25, 2017



# Qualcomm and Nichicon Sign Commercial Wireless Electric Vehicle Charging License Agreement

SAN DIEGO, July 25, 2017 /PRNewswire/ -- Qualcomm Incorporated (NASDAQ: QCOM) and Nichicon Corporation (TSE: 6996) today announced that they have entered into a Wireless Electric Vehicle Charging (WEVC) license agreement. Nichicon will include Qualcomm Halo™ WEVC technology in its product portfolio and will focus on commercializing WEVC systems for Plug-In Hybrid (PHEV) and Electric Vehicle (EV) manufacturers across Asia. Based on the agreement, Nichicon intends to develop, manufacture and supply WEVC systems based on Qualcomm Halo technology.

A leading specialist in automotive power electronics equipment, Nichicon will deliver WEVC systems, supported by Qualcomm's comprehensive technical support. The company is a trusted automotive supplier and works extensively across Asia, notably in Japan.

"Our core mission is to respond to customers' needs with high quality, cutting-edge technology products, whilst also paying attention to cost," said Mr. Naoto Noguchi, executive operating officer, production officer, NECST Business Headquarters, Nichicon Corporation. "We are delighted to be able to offer our customers what we believe to be an industry-leading, future proof WEVC solution with ongoing technology improvements. The technology delivers interoperability, which is important for the driver experience and also for sustainable transportation. We are committed to creating valued products that will contribute to a brighter future for society, this is underscored by our business value Ko-do, which translates from Japanese as think and work."

"As a key Tier 1 supplier in Asia, Nichicon represents a great fit for Qualcomm, and we are excited to work with them to expand our automotive supplier network across this region," said Steve Pazol, vice president and general manager, Wireless Charging, Qualcomm Incorporated. "Qualcomm Halo technology has been developed with a full systems design approach, covering all aspects of WEVC systems, irrespective of the magnetics used, multi-coil, double D or circular. We are WEVC."

By this agreement Qualcomm has granted Nichicon a royalty bearing license to develop, make and supply WEVC systems based on Qualcomm Halo technology. Qualcomm will also provide a comprehensive technology transfer package to help Nichicon to develop commercially and technically viable WEVC systems and support the future design of improved WEVC systems.

## About Qualcomm

Qualcomm's technologies powered the smartphone revolution and connected billions of people. We pioneered 3G and 4G – and now we are leading the way to 5G and a new era of intelligent, connected devices. Our products are revolutionizing industries, including automotive, computing, IoT, healthcare and data center, and are allowing millions of devices to connect with each other in ways never before imagined. Qualcomm Incorporated includes our licensing business, QTL, and the vast majority of our patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, all of our engineering, research and development functions, and all of our products and services businesses, including, our QCT semiconductor business. For more information, visit Qualcomm's [website](#), [OnQ blog](#), [Twitter](#) and [Facebook](#) pages.

## About Nichicon

Production and/or sale of aluminum electrolytic capacitors, film capacitors, positive thermistors, electric power storage systems for home, V2H systems, fast charger for EV, electric power storage systems for public infrastructures and industries, switching electric power supplies, functional modules, various electric power sources for the medical accelerator, academic study, momentary voltage sag compensator, power outage compensator.

*Qualcomm and Qualcomm Halo are trademarks of Qualcomm Incorporated, registered in the United States and other countries.*

*Qualcomm Halo WEVC technology is licensed by Qualcomm Incorporated. Qualcomm Halo reference designs and prototypes are products of Qualcomm Technologies, Inc.*

Qualcomm Contacts:

Pete Lancia, Corporate Communications  
Phone: 1-858-845-5959  
Email: [corpcomm@qualcomm.com](mailto:corpcomm@qualcomm.com)

John Sinnott, Investor Relations  
Phone: +1-858-658-4813  
Email: [ir@qualcomm.com](mailto:ir@qualcomm.com)

View original content: <http://www.prnewswire.com/news-releases/qualcomm-and-nichicon-sign-commercial-wireless-electric-vehicle-charging-license-agreement-300493834.html>

SOURCE Qualcomm Incorporated