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Qualcomm and BMW Group to Extend Their Long-Lasting Technology Collaboration to Automated Driving

- BMW Group Selects Vision Perception, Vision System-on-Chip and ADAS Central Compute System-on-Chip from Qualcomm Technologies' Snapdragon Ride ADAS Platform for its Next Generation of ADAS and Autonomous Driving Systems -

NEW YORK and MUNICH, Nov. 16, 2021 /PRNewswire/ -- Qualcomm Technologies, Inc. today announced a collaboration to bring the latest advancements in driver assistance technologies, and products of its Snapdragon Ride™ Platform, to BMW Group's next generation of advanced driver-assistance systems (ADAS) and automated driving (AD) platforms. Leveraging both companies' expertise in core innovation, BMW Group and Qualcomm Technologies will extend their long-standing relationship to deliver safe, smart and sophisticated driving experiences to BMW Group vehicles. BMW's next generation Automated Driving stack will be based on the Snapdragon Ride vision system-on-chip (SoC), vision perception and ADAS central compute SoC controllers managed by Qualcomm® Car-2-Cloud services platform.

The BMW Group is an industry leader in driver assistance innovation for over two decades. In its quest to continue expanding a broad portfolio of driver assistance systems, BMW Group will utilize Qualcomm Technologies to bring a full spectrum of ADAS/AD functions, including front, rear and surround view camera computer vision in a dedicated computer vision SoC, as well as a high-performance ADAS central compute controller, to host BMW's drive policy and other planning and driving functions.

"BMW has chosen Qualcomm Technologies as our technology partner and systems solutions provider based on the company's breadth and depth of portfolio, as well as proven expertise in compute, connectivity, computer vision, advanced semiconductors and driver assistance technologies," said Nicolai Martin, SVP Driving Experience, BMW Group. "We look forward to working in direct relationship with Qualcomm Technologies to build our next-generation ADAS/AD platform, as well as to continue delivering world-class driving experiences to our customers."

"Our announcement with BMW today is the onset of a new era in automotive where two technology leaders have come together to design and develop a key element of Snapdragon® Digital Chassis for the next generation automobile," said Cristiano Amon, president and CEO of Qualcomm Incorporated. "We are very proud of this milestone and cannot wait to bring our jointly designed products on the road."

"Our goal has always been to offer automakers an open, comprehensive and transformative platform that encompasses semiconductor, software, stack, systems and services," said Nakul Duggal, senior vice president & GM, automotive, Qualcomm Technologies, Inc. "We are honored to be selected by the BMW Group to be its ADAS technology partner for computer vision stack, vision SoC and ADAS central compute controllers, and we look forward to joint development and deployment of these products."

About Qualcomm

Qualcomm is the world's leading wireless technology innovator and the driving force behind the development, launch, and expansion of 5G. When we connected the phone to the internet, the mobile revolution was born. Today, our foundational technologies enable the mobile ecosystem and are found in every 3G, 4G and 5G smartphone. We bring the benefits of mobile to new industries, including automotive, the internet of things, and computing, and are leading the way to a world where everything and everyone can communicate and interact seamlessly.

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, substantially all of our engineering, research, and development functions, and substantially all of our products and services businesses, including our QCT semiconductor business.

About the BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

In 2020, the BMW Group sold over 2.3 million passenger vehicles and more than 169,000 motorcycles worldwide. The profit before tax in the financial year 2020 was € 5.222 billion on revenues amounting to € 98.990 billion. As of 31 December 2020, the BMW Group had a workforce of 120,726 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company set the course for the future at an early stage and consistently makes sustainability and efficient resource management central to its strategic direction, from the supply chain through production to the end of the use phase of all products.

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Qualcomm Contacts:

Pete Lancia, Corporate Communications
Phone: 1-858-845-5959
Email: corpcomm@qualcomm.com

Mauricio Lopez-Hodoyan, Investor Relations
Phone: 1-858-651-1387
Email: ir@qualcomm.com

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