Mr. Sungmo Koo

Power Device R&D, EYEQ Lab, Republic of Korea

Mr. Sung Mo Koo is a Senior TCAD Engineer at EYEQ Lab, a global fabless company specializing in next-generation power semiconductor technologies. He is currently leading the development of advanced power devices, including Silicon Carbide (SiC), Gallium Nitride (GaN), Super Junction (SJ) MOSFETs, and Insulated Gate Bipolar Transistors (IGBTs).

With over 20 years of experience in power semiconductor device simulation, he has been at the forefront of innovation in the field. He has significantly contributed to improving design accuracy and development efficiency through the implementation of a proprietary Design-Technology Co-Optimization (DTCO) platform based on Synopsys EDA tools.

He received his B.S. in Physics from Ulsan University in 2005 and his M.S. in Physics from Jeonbuk National University in 2007.