

PRESS RELEASE

Global Communication Semiconductors, LLC (GCS) Announces Signoff Verification Support for Keysight ADS PDKs

May 6, 2024, Torrance, California. Global Communication Semiconductors, LLC (GCS) announced signoff level support when using their Process Design Kits (PDKs) in Keysight EDA's Advanced Design System (ADS). With this, GCS recommends that the complete design flow starting from modelling to tapeout level signoff can be achieved using Keysight EDA software. GCS PDKs include device models, device pcells, DRC & LVS ruledecks and EM & Thermal stacks, that enhance the ADS design and verification experience for GCS III-V foundry customers. ADS users targeting GCS processes no longer have to leave the ADS platform to perform signoff for their designs.

"GCS is a premier pure-play compound semiconductor wafer foundry, and our mutual customers benefit from having full tool support including signoff for their designs," said Kevin Dhawan, Foundry Program Manager at Keysight. "Now GCS customers can stay in the ADS platform from schematic capture to layout with detailed simulation and analysis, and then perform final signoff verification for manufacturing. Staying in ADS for the entire design and verification process accelerates time-to-market and simplifies management of the workflow."

"Many of our customers want to use Keysight ADS all the way from design inception to manufacturing handoff," said Wing Yau, Senior Vice President at GCS. "Our enhanced PDKs enable them to perform a MMIC design, including electro-thermal and electromagnetic analysis all in ADS design environment without changing tools. Remaining in ADS at every stage of the workflow improves overall designer productivity and reduces design cycle time. The enhanced PDK are now available in many of our foundry processes, including GaN HEMT, BAW, HBT and THz Schottky Diode technologies, etc."

About Global Communication Semiconductors

GCS is an ISO 9100D & AS9001:2015 certified and ITAR registered premier pure-play Compound Semiconductor foundry. GCS' business goal is to supply high performance, high quality, specialty semiconductor devices, integrated circuits and solutions to the wireless, telecommunications and fiber optical communications markets. To learn more about GCS, please visit <http://www.gcssemi.com/>, or visit us at IMS2024 (June 18-20, 2024), booth #1647.

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