Driven by Accelerating Demand for Leading 5G RF Solutions, GLOBALFOUNDRIES and Soitec Announce RF-SOI Wafer Supply Agreement

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Strategic supply agreement positions GLOBALFOUNDRIES to meet the growing demand for its most advanced RF-SOI solution, 8SW, used by top FEM providers to 5G sub-6 GHz smartphones

Santa Clara, Calif., and Bernin (Grenoble), France, November 5, 2020 – GLOBALFOUNDRIES® (GF®), the world's leading specialty foundry, and Soitec, a world leader in designing and manufacturing innovative semiconductor materials, today announced a multi-year supply agreement for 300mm radio frequency silicon-on-insulator (RF-SOI) wafers. Building on the long partnership between the two companies, this strategic agreement secures the supply of wafers that will allow GF to further expand its critical role in providing solutions for the next-generation mobile phone market. The agreement was finalized earlier this week in a virtual signing ceremony with leadership from both companies.

The primary driver of this wafer supply agreement is the growth of GF's most advanced RF-SOI solution, 8SW RF SOI. The leading RF front-end-module (FEM) platform with best-in-class switches and low noise amplifiers, 8SW RF-SOI is optimized to deliver the differentiated combination of performance, power efficiency, and digital integration required by the designers and suppliers of current and future 4G LTE and sub-6 GHz 5G smartphones. This new platform is using the most advanced RF-SOI substrates developed by Soitec.

GF's 8SW RF-SOI customers include the top FEM providers for 5G sub-6 GHz smartphones.

"Eight out of ten smartphones on the market today include GLOBALFOUNDRIES manufactured silicon, and the demand for our differentiated RF solutions continues to skyrocket as the industry transitions to 5G," said Dr. Bami Bastani, senior vice president and general manager for Mobile and Wireless Infrastructure at GF. "The 5G revolution would not be possible without GLOBALFOUNDRIES and our industry-leading specialty RF solutions. Securing this critical supply of wafers, from our longstanding partner Soitec, enables GF to meet the ever-growing demand for our 5G solutions."

"Our engineered substrates provide the foundation for manufacturing high-performance and high-reliability semiconductor devices required by the electronics industry," said Dr. Bernard Aspar, COO of Soitec. "With our manufacturing facilities both in France and in Singapore, we have put in place the largest worldwide capacity with the most advanced engineered substrates to meet the needs of this fast-growing 5G market. We are very pleased to continue our established partnership with GLOBALFOUNDRIES through this multi-year agreement."

The new agreement builds on the strong partnership between GF and Soitec. In 2017, the two companies entered into a five-year supply agreement for fully depleted silicon-on-insulator (FD-SOI) wafers for GF's 22FDX® platform. Manufactured in Dresden, Germany, GF's 22FDX platform has since realized $4.5 billion in design wins with more than 350 million chips shipped to customers around the world.

About Soitec

Soitec (Euronext, Tech 40 Paris) is a world leader in designing and manufacturing innovative semiconductor materials. The company uses its unique technologies and semiconductor expertise to serve the electronics markets. With more than 3,300 patents worldwide, Soitec's strategy is based on disruptive innovation to answer its customers' needs for high performance, energy efficiency and cost competitiveness. Soitec has manufacturing facilities, R&D centers and offices in Europe, the U.S. and Asia. Soitec and Smart Cut are registered trademarks of Soitec. For more information, please visit www.soitec.com and follow us on Twitter: @Soitec_EN

About GLOBALFOUNDRIES

GLOBALFOUNDRIES (GF) is the world's leading specialty foundry. GF delivers differentiated feature-rich solutions that enable its customers to develop innovative products for high-growth market segments. GF provides a broad range of platforms and features with a unique mix of design, development and fabrication services. With an at-scale manufacturing footprint spanning the U.S., Europe and Asia, GF has the flexibility and agility to meet the dynamic needs of customers across the globe. GF is owned by Mubadala Investment Company. For more information, visit www.globalfoundries.com.

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