



RF Network

Accelerating 5G innovations with solutions and services

Tap into a robust partner network for program-validated, RF-optimized solutions.

Accelerate 5G innovation and simplify design with RF-centric EDA tools, IP, design flows/resources, characterization and test services.

The next leap forward in pervasive connectivity is here, driven by the accelerated rollout of 5G-ready mobile devices and wireless network hardware. This era of ubiquitous, real-time connectivity requires innovations in radio technologies to support increasingly complex requirements and standards.

The RF Network from GlobalFoundries® (GF®) enables designers to build differentiated, RF-optimized solutions to take on these challenges and accelerate time to market. RF Network partners gain access to silicon-proven RF solutions from GF that span mature and advanced technology nodes and a broad base of partners targeting new and evolving connectivity applications. Partners can take advantage of a wealth of program-validated RF solutions and services to accelerate innovation and get their products to market faster.

The RF Network builds upon GF's 5G vision and focuses on the company's industry-leading RF solutions and roadmap, including FDX™ RF, RF SOI, SiGe and RF CMOS (both mainstream planar and advanced FinFET solutions). It features expert mmWave test and characterization capabilities, RF-centric design services, IP and EDA solutions that enable designers to build differentiated products across the growing spectrum of RF applications fueled by increasing 5G adoption, from automotive radar to IoT.

**Bring products to market faster:**

The RF Network arms designers with a single point of entry to access GF's plug-and-play catalog of high-quality solutions that have been optimized for RF applications—ranging from engineering, to production and test services—so GF customers can get their products to market faster.

**Design with confidence:**

GF validates RF Network offerings with GF semiconductor solutions, assuring customers that they meet the highest standards and giving designers a low-risk, cost-effective path to develop highly optimized, first-time-right RF solutions.

**Simplify RF design:**

The RF Network eases the challenges of RF design by empowering designers and system architects with a full suite of design enablement tools, IP, design flows/resources and test/characterization services developed by RF experts that cover the testing of chips, packages and boards.

**Accelerate innovation:**

By leveraging the RF Network collaboration, partners can drive deeper engagement with RF-focused customers, while customers gain access to validated, RF-optimized program solutions that accelerate innovation to stand out from their competition.

GF Partner Community

GF's comprehensive ecosystem, composed of all GF partners.

FDX™ Network

The GF ecosystem for building innovative 22FDX™-based products

RF Network

The GF ecosystem for building highly optimized RF products

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