

TriQuint Foundry Services Annual 3-day MMIC Technology and Design Class

3-5 November 2009, Hillsboro, Oregon

Maximize Your Success Rate Minimize Your Design Turn Time!

TriQuint offers a comprehensive 3-day training course to help customers get the most of their foundry services experience.

Taught by TriQuint's applications engineers and designers, the course covers process technologies, selection and examples. New foundry customers leave the class with the tools needed to maximize their success with the foundry.



Who Should Attend?

This class is for design engineers with basic RF knowledge, transistor level circuit experience and familiarity with circuit simulation. IC design or specific GaAs experience is not required. The course will cover:

- GaAs design and transistor modeling
- Designing robust circuits for process variation and reliability
- Partnering with TriQuint commercial foundry team from design through production

What You Will Learn

- Introduction of process technologies
- Process selection
- RFIC design flow
- Active circuit elements
- Passive circuit elements
- Biasing & decoupling MESFET & pHEMT
- Biasing & decoupling HBT
- IC packaging for wireless applications
- TriQuint's reliability philosophy
- Designing for ESD resistance

We will also review pHEMT and HBT design examples.

"The hands-on experience and opportunity to speak with the engineers and walk through the technologies and design kits is very helpful."

— Phillip, 2008 GaAs class participant

About TriQuint's Foundry Services

We have a rich foundry services heritage. Your partnership with TriQuint will yield far more than just a wafer.

- TriQuint is the world's largest GaAs foundry and is accredited by the Department of Defense as a category 1A trusted foundry.
- Our vast process portfolio contains all types of GaAs processes including MESFET, pHEMT and HBT.
- We offer both optical and E-beam process technology for cost-conscious and high-performance applications.
- For more than 25 years, we have protected the intellectual property of our customers designs.
- Our full range of services includes PDKs, device samples, design tool libraries, automated layout verification, real-time applications engineering and much more.
- TriQuint is well diversified over growing markets and will be your long term production supplier.



Class is held at TriQuint's headquarters in Oregon.

Cost: \$2500 includes 4 nights accommodation

Half-day design kit training sessions with either Agilent or AWR can be arranged for an additional \$250.

To register & learn more, please visit our website:
www.triquint.com/prodserv/foundry/training.cfm

