

The Modelithics® Qorvo GaN Library v17.2.6 - Now Available!



The Modelithics® Qorvo GaN Library is a set of non-linear models for Qorvo package and die GaN devices, designed for excellent accuracy, and validated with broadband S-parameters and load pull data at multiple frequencies. Each model has a detailed datasheet summarizing model features, development details, and model performance plots. Some devices are also represented with small-signal and noise models in addition to non-linear models.

Version 17.2.6 of the Modelithics Qorvo GaN Library features new models for two Qorvo packaged GaN devices:

- Qorvo QPD1020 30W high power packaged GaN RF transistor
- Qorvo QPD2194 300W high power packaged GaN RF transistor

This release contains a total of **75 models** for: 17 die-format GaN devices ranging from 2W to 90W, 6 small-signal versions of the large-signal die device models, and now 52 models for packaged transistor devices ranging from 5W to 500W. The TGF3015-SM model was updated as outlined in the Release Notes.

The Modelithics Qorvo GaN Library licenses are valid for one calendar year and are renewable on request for Qorvo-approved customers. Please [contact Modelithics](#) if you require a new license. The Modelithics Qorvo GaN library v17.2.6 is now available for download from the Modelithics website. The updated library installer can be found in the “My Downloads” section after logging on to the [Modelithics website](#).

[Click to view the Modelithics Qorvo GaN Library v17.2.6 Release Notes](#)

and

[Click to see some featured presentations and information about the models](#)

If you have any questions, please contact us at support@modelithics.com.

We appreciate your feedback. To send us input on your experience with the models, [click here](#).

Thank you!

The Modelithics Team

*Please forward this email to other designers that may be interested in using the advanced and accurate Qorvo GaN simulation models. Designers wishing to request the models for the first time can do so [here](#).