

The Modelithics® Qorvo GaN Library v2.1 - Just Released!



The Modelithics® Qorvo GaN Library is a steadily growing set of non-linear models for Qorvo package- and die-format 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.

The new version of the Modelithics Qorvo GaN Library, v2.1 features **models for THREE new Qorvo GaN transistor devices**. Now included in the library are models for:

- QPD1014: 15W, packaged RF input-matched transistor
- QPD3800: 85W, packaged RF input-matched power transistor
- QPD0060: 90W, packaged RF power transistor

This release of the model library contains models for 17 die-format GaN devices ranging from 2W to 90W, plus small-signal versions for six of the large-signal die device models. There are also now 43 packaged transistor devices ranging from 5W up to 400W. The Modelithics Qorvo GaN library v2.1 is now available for download from the Modelithics website.

[Click here to view the Modelithics Qorvo GaN Library v2.1 Release Notes](#)

and

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

The updated library installer can be found in the “My Downloads” section after logging on to the [Modelithics website](#).

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

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](#).