



## NXP Introduces RF Circuit Collection for On-Demand Engineering Support

October 1, 2019

**Paris, France – (European Microwave Week 2019) – October 1, 2019** – NXP Semiconductors today announced the RF Circuit Collection which gives engineers online access to more than four hundred RF power reference circuits and documentation. The library enables engineers to accelerate power amplifier development. Additionally, the online availability of reference circuit design files helps reduce time to market for 5G wireless infrastructure, industry 4.0, aerospace and defense market segments, while boosting the adoption of solid-state into emerging RF power applications like RF Energy.



The RF Circuit Collection provides access to a wide range of evaluation boards from 1.8 MHz to 3.8 GHz, with output power from 10 dBm to 1800 Watts. The online data packages include:

- A description of the evaluation board with performance data, a quick start guide, tuning tips and bill of materials
- A set of design layout reference files
- Access to order fully assembled boards

“Our RF power solutions are now at the fingertips of our customers,” said Paul Hart, Senior Vice President and General Manager of NXP’s Radio Power Solutions. “The breadth of options in frequencies and power can easily be adopted into fast-moving programs to enable quick time to market and stronger competitive positioning.”

NXP envisions the RF Circuit Collection to be a comprehensive online library for all RF developers to browse power amplifier design ideas and find off-the-shelf prototypes. As NXP takes on the initial development effort and delivers proven design concepts, engineers can jump-start their projects and get more bandwidth to focus on the core value of their product.

### NXP RF Circuit Collection is Now Available

The RF Circuit Collection is available now at [www.nxp.com/RFcollection](http://www.nxp.com/RFcollection) and authorized distributors and retailers. The most popular RF reference circuit packages are released for download now with more being added every month or on-demand.

Search:

Reference Circuits – Devices	Frequency Min. (MHz)	Frequency Max. (MHz)	Output Power (W)	Output Power Details*	Gain (dB)	Vdd (V)	Download Design Files	Order Board	MSRP (\$US)
<a href="#">MRFX1K50H</a>	27	27	1800	CW	28	65	Downloads	<a href="#">Buy Options</a>	\$1,000.00
<a href="#">MRF1K50H</a>	27	27	1550	CW	26	50	Downloads	<a href="#">Buy Options</a>	\$1,000.00
<a href="#">MRFE6VP61K25H</a>	27	27	1200	CW	27	50	Downloads	<a href="#">Request Distributor</a>	\$1,000.00
<a href="#">MRF300AN</a>	27	27	335	CW	27	50	Downloads	<a href="#">Buy Options</a>	\$750.00
<a href="#">MRFE6VP6300H</a>	27	27	300	CW	25	50	<a href="#">Request NXP</a>	<a href="#">Request Distributor</a>	\$1,000.00
<a href="#">MRF101AN</a>	27	27	125	CW	25	50	Downloads	<a href="#">Buy Options</a>	\$250.00