

# NXP's RF Manual makes design work much easier – download now

High Performance RF for the most demanding applications

NXP's RF Manual – one of the most important reference tools on the market for today's RF designers – features our complete range of RF products, from low to high power signal conditioning & high-speed converters.

## **What's new?**

- ❖ This RF Manual features 10 new applications, such as: point-to-point communication, radar, RF (Plasma) lighting, mobile platforms, etc. (chapter 1).
- ❖ More than 100 new products added to our broad portfolio, including: 6th & 7th generation wideband transistors, LNA's for STB, Gen7 LDMOS transistors, high-speed converters, etc. (chapter 3.1).
- ❖ Our base station offering has grown extensively with Doherty amplifier designs, low noise amplifiers and high speed DACs and ADCs (chapter 1.1.1).
- ❖ Last but not least, we expanded our cross-reference list by 40% to over 1,200 items (chapter 5).

## **A strong position in RF**

NXP has a leading market position in high performance RF. Our strong RF capabilities are utilized in our high performance RF for wireless infrastructure and industrial applications, television tuners, car security and entertainment products. We are a leader in providing RF front-end solutions for markets such as mobile base stations, satellite and CATV infrastructure and receivers, industrial and medical applications. We have strong positions in Power Amplifiers, Small Signal RF discretes and RF ICs, monolithic microwave ICs ("MMICs") and low noise amplifiers ("LNAs"). Our leadership is based on our world-class proprietary RF process technologies and technology advancements that drive overall system performance. With our new, serialized signal processing architectures with JESD204A-compliant high-speed converters, we are enabling a transition to more compact, higher performance systems.

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