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Kintex 7 FPGAs provide your designs with the best price/performance/watt at 28nm while giving you high DSP ratios, cost-effective packaging, and support for mainstream standards like PCIe Gen3 and 10 Gigabit Ethernet. The Kintex-7 family is ideal for applications including 3G and 4G wireless, flat panel displays, and video over IP solutions.

Kintex-7 FPGA Family - Xilinx

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Kintex UltraScale FPGAs - Xilinx

Xilinx, Inc. (NASDAQ: XLNX) is an American technology company, primarily a supplier of programmable logic devices. It is known as the semiconductor company that invented the field-programmable gate array (FPGA) and created the first fabless manufacturing model. Ross Freeman, Bernard Vonderschmitt, and James V Barnett II, former employees of Zilog, an integrated circuit and ...

Xilinx - Wikipedia

Universal Software Radio Peripheral (USRP) is a range of software-defined radios designed and sold by Ettus Research and its parent company, National Instruments. Developed by a team led by Matt Ettus, the USRP product family is intended to be a comparatively inexpensive hardware platform for software radio, and is commonly used by research labs, universities, and hobbyists.

Universal Software Radio Peripheral - Wikipedia

The introduction of new mobile data services over 3G and evolving to LTE will lead to maximum bandwidths of 100 to 200 Mb/s per base station.

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Technology Leadership | Operational Highlights | 2013

Technology Leadership. R&D Organization and Investment. In 2016 TSMC continued to invest in research and development, with total R&D expenditures amounting to 8% of revenue, a level that equals or exceeds the R&D investment of many other leading high- tech companies.

2016 TSMC Annual Report

Vol.7, No.3, May, 2004. Mathematical and Natural Sciences. Study on Bilinear Scheme and Application to Three-dimensional Convective Equation (Itaru Hataue and Yosuke Matsuda)

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