The Communications, Inc. is a leading developer of Full-11n™ wireless networking solutions and the only one to deliver the entire complement of 802.11n Wi-Fi features for the highest possible quality and reliability in wireless home networking and digital entertainment.

Our Full-11n solutions ensure that Wi-Fi home networks can deliver the same quality as wired Ethernet, including support for up to full HD video with 1080p resolution, anywhere in the home, while guaranteeing compatibility with existing and future IEEE 802.11n-compliant products.

We founded in 2006 by leading experts in the semiconductor, wireless and networking industries. The company has received $90 million in funding from leading venture capital firms. With its combination of superior technology, a veteran management team, and solid financial backing, we are poised to play a key role in driving wireless home-networking market development during a major inflection point prior to mainstream service deployment.

The candidate for ASIC Design Engineer should meet the following criteria:

The Role:

* ASIC design and verification
* Work closely with the California teams
* Support chip tape out and bring up

Requirements:

* 3+ years experience in ASIC design
* BS in Electrical Engineering (or equivalent) is a must have, MSEE is desired
* System on Chip (SOC) Integration Experience, including AHB/AXI, CPU, Interface integration
* Experience with WIFI or related wireless technology (i.e. WIMAX, 3G, LTE, etc.) is a plus
* Experience with interfaces such as PCIe, Ethernet, DDR, USB
* Working knowledge of networking protocols such as TCP/IP, 802.3, 802.11
* Working knowledge of C programming language
* Experience with Medium Access protocols a plus
* Must be expert in Verilog RTL language
* Must be familiar with the ASIC design flow from RTL through synthesis, including the tool flow.
* Verification experience – Verilog, System-Verilog, Coverage Analysis
* FPGA emulation experience
* Chip bring-up experience, including use of Logic Analyzer and Oscilloscope for debugging

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