Engineering Technology Analyst

Provide technical research and analysis of electronic and microprocessor-based systems to support the Company's intellectual property licensing and litigation activities. Utilize a wide range of technical resources including - datasheets, schematics, technical papers, presentations, reverse engineering techniques and laboratory experiments, to produce specialized research reports on the use of the Company's intellectual property. Communicate research results in oral and written presentations to senior management and technical staffs. Represent the Company as a technical expert in licensing discussions with customers and other interested third parties.

Primary Responsibilities:

- Conduct in-depth research and analyses of electronic/microprocessor based systems; and document the use of the Company's intellectual property
- Compile and prepare thorough and complete documentation of findings, referred to as Product Reports
- Present findings to Intellectual Property Licensing Team for review and discussion
- Collaborate with all relevant groups: Engineering, R&D, Legal, Finance and Administration Departments, to improve investigation and analysis techniques, and advance the state of the Company's technical analyses in support of licensing and litigation activities
- Expand the Company's knowledge base though identification, acquisition, and dissemination of new research materials
- Participate in IP licensing negotiations with external customers and interested parties and represent the Company as a "technical expert" in all aspects of technical analysis
- Track measurable personal performance metrics against business case targets

Qualifications:

- Bachelor of Science Degree in Computer Engineering/ Master of Science degree in Electrical Engineering/Computer Engineering preferred. (Emphasis on computer architecture)
- Must be USA citizen, permanent resident or long-term VISA (no OJT applicants)
- 1 - 3 plus years industry experience - preferred
- In depth engineering and technical knowledge of semiconductor industry, including understanding the fundamental microprocessor designs, including clock/PLL circuitry, instruction fetch, decode, execution, etc.
- Useful to Know: Microprocessor test and/or debug processes, IC design, and RTL and/or validation
- Excellent oral and written communication and presentation skills that enable incumbent to work effectively and be recognized as an expert in microprocessor designs and documentation
- Able to translate the "language of engineering" into business conversation, and comfortable with talking to non-engineering audiences

- Entrepreneurially oriented with overall business knowledge, collaborative, and willingness to work in team environment
- Ability to discuss electronic systems and microprocessor designs and solutions with market analysts and microprocessor sales representatives
- Superior ability in all Microsoft Office applications, plus operational tools such as database search engines, Internet, e-mail and other computer applications
- Characteristics of ideal candidate also include - ability to express professional opinions freely, eager to learn, team orientated, dynamic, and capable of working in a challenging, fast paced environment