

SMG Sr. PE External Reference Form

Thank you for providing a Senior Principal Engineer (PE) promotion reference for the candidate listed below. Please keep your reference limited to the single page below.

In the top table under *Referee Information*, please tell us about you and your role.

In the second table please describe examples of recent behaviors, abilities, and accomplishments you have observed which demonstrate their *Business Contribution* and readiness for promotion by *Demonstration of Sr. PE Readiness*.

Intel's Sr. PEs are expected to role model the following attributes:

- **EXPERTISE: What You Know**
 - Expert & Advisor, Learns/Curious, Networked, Pragmatic & Simplifier.
- **LEADERSHIP: How You Lead**
 - Inclusion & Empowerment, Change Agent & Accountable, Influencer, Player Captain.
- **IMPACT: Results You Achieve**
 - Customer Focused, Breakthrough Innovation, Relentless Execution, Ecosystem Shaping.

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Candidate Information - Nominated for Senior Principal Engineer	
Candidate Name	Andy Wei
Referee Information	
Name	Rich Schultz
Job Title	Sr. Fellow
Company	AMD

Demonstration of Business Contribution
<p>As the AMD node owner for GF14 and GF10nm technologies, I had frequent interactions with Andy on advanced process technology and regarded him as a very strong technical leader within GF. I also worked very closely with Andy in his role at TechInsights Competitive Intelligence for technologies 10nm and below. Andy demonstrated very strong and in depth knowledge of advanced process modules and design IP. His contributions at TechInsights and his organizational skills really stood out. Andy had always been very highly regarded as a technical leader by many senior technical staff members within AMD.</p>
Demonstration of Sr. PE Readiness
<p>Expertise:</p> <ul style="list-style-type: none"> • Thorough knowledge of materials and CMOS technology process modules • Vary proficient at standard cell architectures and constructs • Strong SRAM bit cell architecture and design knowledge • Very strong grasp of Performance, Power, Area and Cost relationships and tradeoffs • Well versed in IP block analysis as well as place and route analysis
<p>Leadership:</p> <ul style="list-style-type: none"> • Led GF 10m re-definition and customer technical feedback assessment <ul style="list-style-type: none"> ◦ Recognized key shortcomings and weaknesses in node definition ◦ Played a key role in positive directional change and future technology definition • Led TechInsights Logic Competitive Intelligence service subscription program, technical content development, on-site workshops • Very strong communication skills both oral and written and is able to distill complex technical information into concise executive presentations that are easily understood by the audience. • Andy's work at TechInsights was outstanding
<p>Impact:</p> <ul style="list-style-type: none"> • AMD extensively relied on data from Andy while in his role at TechInsights His analysis, breadth of knowledge and organization of the large amounts of data was highly regarded by AMD • Very high energy and drive to goal personality and had a strong impact while at GF and TechInsights. • It would be my pleasure to recommend and support a promotion for Andy Wei to Sr. PE.