

美国芯源系统有限公司 (MPS) 2016 春季校园招聘

—— 与芯同行，引领未来

公司简介

美国芯源系统有限公司 (Monolithic Power Systems, 简称 MPS) 是一家全球知名的高性能模拟半导体公司, 总部位于美国加州圣荷塞, 创建于 1997 年, 并于 2004 年在美国纳斯达克上市。MPS 集设计、研发、制造、销售为一体, 公司全球雇员 1100 余名, 年产能 13 亿支芯片。

根据 MPS 全球化发展战略, MPS 分支机构遍及美国、中国大陆、中国台湾、韩国、日本、新加坡与欧洲各地。自 2003 年开始, 公司先后在中国建立了 MPS 上海, MPS 成都, MPS 深圳及 MPS 杭州分公司, 并在北京、青岛、厦门等地设立多个办事处。公司视人才为企业生命, 并大力实施中国本土人才培养战略, 80%以上 MPS 中国区技术人员是直接来自于校园招聘的应届毕业生。为适应 MPS 在中国的迅猛发展, 我们现已启动 MPS 2016 春季校园招聘, 诚邀敢于挑战、追求精彩生活的你!

与芯同行, 引领未来, 让 MPS 的卓越平台, 助您事业成功!

MPS中国

- ◇ 中国区总部: 成都芯源系统有限公司
- ◇ 应用研发中心: 杭州茂力半导体技术有限公司
- ◇ 市场销售: 芯源信息咨询上海有限公司及深圳分公司

热招职位

查看职位介绍, 可 **ctrl+**单击相应职位

序号	城市	职位	学历	要求	
1	成都	产品工程师(PE)	硕士	微电子学与固体电子学及其它电子相关专业	
2		测试工程师(TE)			
3		可靠性测试工程师(RE)			
4		应用工程师(AE)			
5		良率提升工程师(YE)	硕士/本科		
6		生产测试工程师(PTE)	本科		与电相关专业
7		助理产品工程师(PEA)			
8		助理应用工程师(AEA)			
9		版图设计工程师(IC Layout)			
10			IT 软件工程师(ISE)		本科
11	深圳	现场应用工程师(FAE)	硕士	电力电子与传动等相关专业	
12		产品应用工程师(PAE)			
13	上海	现场应用工程师(FAE)	硕士/本科	与电相关专业	
14		销售工程师(Sales)			
15	北京	现场应用工程师(FAE)	硕士	电力电子与传动等相关专业	
16	杭州	应用工程师(AE)	硕士/本科	与电相关专业	

联系我们

公司网址: www.monolithicpower.com

邮箱: hr-cn@monolithicpower.com

联系方式: 黄小姐 028-87303000-3651

祝小姐 028-87303000-3650

彭小姐 028-87303000-3987

1. Product Engineer (PE) 产品工程师

New product development and production support

Responsibilities:

- ◆ New Product Development: Evaluation, Qualification and Release new products
- ◆ Leader of the new product development team including DE, FAB, TE, Assembly, AE, FA
- ◆ Support customer issues

Requirements:

- ◆ Good knowledge on Semiconductor, MSEE or equivalent
- ◆ Good communication, writing and presentation skills
- ◆ Good English skills (verbal and written)
- ◆ Have product engineer experience is a plus

2. Test Engineer (TE) 测试工程师

Responsibilities:

- ◆ Require strong understanding of fundamental electrical concepts
- ◆ Design component-level circuits for precision parametric measurement, dynamic signal analysis and modifies automated test system software for analog and mixed-signal integrated circuits
- ◆ Develop test solutions for clearly defined projects (limited in complexity, with precedents available)
- ◆ Use high speed, DSP based, state of the art automatic test equipment (ATE)
- ◆ Involved in all phases of product development: design for testability, test hardware and software design, hands-on debug, correlation, characterization and production release
- ◆ Organize assignments and schedules time to complete assigned projects within an established timeline
- ◆ Communicate with others to solve routine problems and express ideas in a group setting

Requirements:

- ◆ MSEE or equivalent
- ◆ Strong understanding of fundamental electrical concepts
- ◆ Familiar with C/C++ language programming and debugging
- ◆ Good English skills (verbal and written), CET-6 or above
- ◆ Fast learning and good problem-solving skills
- ◆ Working experience on Analog / Mixed Signal IC testing is a plus

3. Reliability Engineer (RE) 可靠性测试工程师

Responsibilities:

- ◆ Responsible for new process and product reliability qualification
- ◆ Responsible for reliability failure verification, root cause analysis and corrective actions
- ◆ Determine reliability performance per test results and publish reliability reports
- ◆ Support or work with QA in customer quality, reliability and qualification related issues, and complete customer requests in reliability
- ◆ Study and develop new reliability test methods to improve existing methods to meet MPS' special test requirements and to solve any issues or problems
- ◆ Design and plan special tests requested by customers, and support customer requests in reliability
- ◆ Maintaining the reliability database system
- ◆ Perform other tasks assigned by superior

Requirements:

- ◆ M.S. or B.S. in electronics or semiconductor; background in statistics and reliability theory is a plus
- ◆ Good knowledge of analog circuit, device physics, wafer process, assembly/package, etc.
- ◆ Good communication skills (both oral and written English)
- ◆ Strong sense of responsibility and teamwork;

4. Application Engineer(AE) 应用工程师

Responsibilities:

- ◆ Work with design engineers, field applications and marketing team to define and debug analog IC products
- ◆ Evaluate new products and generate reports
- ◆ Develop application reference circuits

- ◆ Write datasheets, application notes, design notes
- ◆ Provide application support and technical training for key customers and field application engineers

Requirements:

- ◆ MSEE or equivalent
- ◆ With hardware implementation skills
- ◆ With ability of analyzing complex analog and power electronic circuit
- ◆ Excellent communication, writing and presentation skills
- ◆ Fluent communication skills in English
- ◆ Experience in a power industry or power management IC company will be better

5. Yield Enhancement Engineer (YE) 良率提升工程师

Responsibilities:

- ◆ Dispose responsible products on hold lots daily;
- ◆ Low yield product analysis and yield improvement of responsible products
- ◆ Responsible product quality improvement
- ◆ Mask change qualification
- ◆ Fab transfer qualification
- ◆ Responsible for products cost reduction related engineering work, such as bond wire reduction, Cu wire qualification and PBL removal
- ◆ Provide supports for other groups and customers in a timely manner
- ◆ Develop solutions to clearly defined problems (limited in complexity, with precedents available)

Requirements:

- ◆ MSEE of Micro Electronics or related Electrical Engineering
- ◆ Basic knowledge of analog/digital circuits, device physics, IC manufacture process, Assembly process and related IC testing process
- ◆ Self motivated, strong ability for team work
- ◆ Good communications skills for both verbal and writing in English

6. Production Test Engineer (PTE) 生产测试工程师

This position is set to sustain wafer sort production and final test production, solve production test issue to improve test quality, yield and efficiency etc.

Responsibilities:

- ◆ Dispose production on hold lots
- ◆ Support test floor' s day-to-day issues (test systems, handlers and product)
- ◆ Solve some simple test SW or HW issues, complete the released paperwork
- ◆ FT/WS new product release and product transfer
- ◆ Perform other jobs assigned by supervisor

Requirements:

- ◆ Electrical Engineering or equivalent
- ◆ Understanding ASL-1000 and Eagle tester operations
- ◆ Familiar with C/C++ programming
- ◆ Fundamental electronic theory
- ◆ Good communication skill in English and Chinese

7. Product Engineer Assistant (PEA) 助理产品工程师

Responsibilities:

- ◆ work closely with Product Development to launch spinoff products
- ◆ Planning and performing product testing based on the product qualification procedure to ensure product meets all customer specifications
- ◆ Lead key initiatives to improve product performance
- ◆ Interface with cross-functional and project team members smoothly and help drive solutions to project-related issues
- ◆ Assist customers in product usage issues

Requirements:

- ◆ Bachelor degree or above
- ◆ Have good semiconductor knowledge including process, package & amp; circuitry.
- ◆ Self-motivated and able to work independently.
- ◆ Good communication skill and Good written and oral English
- ◆ Ability to work with minimal supervision, multi-task.
- ◆ Creative and ability to solve technical problems based on personal expertise and leveraging of technical resources and networking
- ◆ Ability to work well in a cross-functional team and cross-site environment
- ◆ Have product engineering experience in a semiconductor related company is preferred

8. Application Engineer Assistant (AEA)助理应用工程师

Responsibilities:

- ◆ Assistant AE in product road test and customer support
- ◆ Revision part' s road test and customer support
- ◆ Be familiar with product function, feature and application
- ◆ Assistant AE in issue analysis and circuit debugging during the project
- ◆ Write test report and file archive
- ◆ Project status management

Requirements:

- ◆ Electronic technology and related
- ◆ Basic electronic topology and principle background
- ◆ Basic capability of electronic circuit setup and operation
- ◆ Good English reading and writing ability, CET-4 is a must
- ◆ Associate degree and above
- ◆ Better with work experience in electronic field

9. IC Layout Engineer (IC Layout)版图设计工程师

Responsibilities:

- ◆ Main responsibility is analog / mixed signal IC layout
- ◆ You will be responsible for all levels of analog mask layout from floor planning, ESD pad placement, block level layout up to top level integration and tape out
- ◆ You will communicate and get directions from the analog design engineers to ensure high quality

Requirements:

- ◆ BS degree in electronics or microelectronics engineering or equivalent
- ◆ Understand the basic fundamental of electrical engineering
- ◆ Understanding basic characteristics of transistor, resistor, capacitor and diode
- ◆ Understanding of layout impact on device matching, noise coupling from signal, supply and substrate
- ◆ Understanding the importance of signal flow, power/ground structure and block placement in layout floor planning
- ◆ Understanding the importance of communication with analog designers
- ◆ Must be familiar with DRC/LVS verification tools

- ◆ Must be familiar with Unix OS
- ◆ Must be familiar with layout tools, such as Cadence Virtuoso .etc
- ◆ English, written and verbal, sufficient for technical discussions

10. IT Software Engineer (ISE) IT 软件工程师

Responsibilities:

- ◆ Design reports using Crystal Report and MS SQL reporting service
- ◆ Support & Train application users
- ◆ Design workflow using flow platform
- ◆ Diagnose, identify and fix complex system problems independently
- ◆ Support business application independently
- ◆ Investigation/fixing and clearing of bugs in systems
- ◆ Consult to business users
- ◆ Produce technical documentation
- ◆ Maintain end-user documentation and support training efforts
- ◆ Implementing new modules and upgrade new releases
- ◆ Fully participate as a member of a project team
- ◆ Project implementation

Requirements:

- ◆ Bachelor degree in related subject: Computer Science, Information Technology, and Information Management etc.
- ◆ Knowledge of C# or other B/S languages and one of databases: Oracle, SQL server, MYSQL; MES, ERP, CRM, or related MIS experience will be preferred
- ◆ Good team work and communicate effectively with peers and end-users
- ◆ Good reading and writing skills in English. Good spoken English skill will be preferred
- ◆ Quick learner and team worker, strong passion on technology

11. Field Application Engineer(FAE) 现场应用工程师

Promote MPS products to customers' R&D team and conduct training for customers on how to design the power system

Responsibilities:

- ◆ Technical support to key customers on MPS products and help customers to solve the issues
- ◆ Design the power board for key customers and offer the competitive solution

- ◆ Conduct product presentation and training to internal and distributors' sales
- ◆ Feedback information to Marketing& Design team on market trend, competitor analysis, and new product definition

Requirements:

- ◆ Strong technical knowledge of products
- ◆ Ability to take initiative in problem solving
- ◆ Good interpersonal skills
- ◆ Adaptability- ability to meet changed condition
- ◆ Strong sense of responsibility, self-motivated and good team spirit
- ◆ Fluent English (both written and spoken)
- ◆ Master majoring in Power Electronics / Electronics Engineering / Microelectronics or other electronics related

12. Product Application Engineer (PAE) 产品应用工程师

Responsibilities:

- ◆ Take responsibility of field support to some key customers, shoot problem in time
- ◆ Communicate with end customer to explore their potential technical needs
- ◆ In charge of all China's reference design in original vendors, design houses, etc
- ◆ Cooperate with Hangzhou TME team working on China's marketing work
- ◆ Promote new products, develop new markets, and help FAEs work in field

Requirements:

- ◆ EE education background, bachelor or above, master' s degree is a plus
- ◆ 3+ year related working experience is required; AE/FAE background is preferred
- ◆ Good communication skills, strong self-motivated
- ◆ English is required
- ◆ Good MS Office Skill

13. Sales Engineer 销售工程师

Responsibilities:

- ◆ Build relationship and cooperate with End Customers, distributors, FAE and Marketing team
- ◆ Manage key customers
- ◆ Searching and organizing resource. Drive and influence others to achieve team goals and objectives

Requirements:

- ◆ Bachelors in Electrical Engineering or Computer Science/Engineering
- ◆ Good oral and written communications skills. Excellent interpersonal and organizational skills are required
- ◆ Should be self starter, highly energetic, flexible, capable of making sound project decisions, and detail orientated
- ◆ Can communicate in English.