

Electronics Career Fair

Job Listing Booklet

Date:

21 January 2025

Tuesday

Time:

2.00pm to 5.00pm

Venue:

ITE College Central

2 Ang Mo Kio Drive

Blk A, Level 4, Rooms K423 & K424

Singapore 567720

(Nearest MRT Station: Yio Chu Kang)

About e2i (Employment and Employability Institute)

e2i is the empowering network for workers and employers seeking employment and employability solutions. e2i serves as a bridge between workers and employers, connecting with workers to offer job security through job-matching, career guidance and skills upgrading services, and partnering employers to address their manpower needs through recruitment, training, and job redesign solutions. e2i is a tripartite initiative of the National Trades Union Congress set up to support nation-wide manpower and skills upgrading initiatives. For more information, please visit www.e2i.com.sg.

Only for Singaporeans & Permanent Residents

NAME OF COMPANY**PAGE****1. GlobalFoundries.....6**

- Associate Engineer Facilities
- Associate Equipment Engineer
- Associate Process Engineer
- Engineer, Process Engineering
- Equipment Engineer
- Manager, Safety and Emergency Response
- Principal Engineer, Safety and Emergency Response

2. HOYA Electronics Singapore.....8

- Automation Technician
- Engineer, Development
- IT Engineer
- Process Integration Engineer
- Quality & NPI Engineer
- Senior Equipment Engineer, Development
- Smart Manufacturing System Engineer

3. KYEC Singapore.....14

- Accessories Technician
- Equipment Engineer
- Equipment Technician
- Production Engineer
- Production Planner
- Production Technician
- Test Engineer
- Test Technician

4. Micron Semiconductor Asia Operations.....18

- Automation Equipment Technician
- Engineer / Senior Engineer / Principal Engineer - NAND CMOS Device
- Manufacturing Engineer
- Physical Failure Analysis Technician
- Process & Equipment Engineer
- SSD Equipment Technician
- Technology Development (TD) Process Development Engineer / Senior Engineer

5. STMicroelectronics Asia Pacific.....26

- BEM&T - BE Central Industrial Engineering Manager (JR1649)
- CCFS QMT- BE Central Facility Manager (JR1699)
- IC Development - Project Validation Leader (JR4450)
- Internal Audit Manager APAC (JR1311)
- Third Party Onboarding Manager (Global Procurement) (JR3119)

6. Tokyo Electron Singapore.....31

- Field Engineer
- Process Engineer

7. Vanguard International Semiconductor Singapore.....33

- Emergency Response Centre - Associate Engineer
- Equipment Associate Engineer (Photolithography / Diffusion / Etch / Thin Film)
- Equipment Automation Engineer
- Equipment Engineer (Photolithography / Diffusion / Etch / Thin Film)
- Integration Engineer
- Manufacturing Engineer
- MEMS-Modules Engineer
- Process Associate Engineer (Photolithography / Diffusion / Etch / Thin Film)
- Process Engineer (Photolithography / Diffusion / Etch / Thin Film)
- Systems Engineer

8. VDL Enabling Technologies Group.....40

- CAD-CAM Engineer
- Commodity Specialist
- Costing Engineer
- Engineer, System Support
- Equipment Assembly Specialist (1-Year Contract Renewable)
- Manufacturing Engineer (System Integration)
- Mechanical Architect
- Order Administrator
- Process Engineer (Parts Making & Fabrication)
- Process Engineer (System Integration)
- Product Data Control (PDC) Engineer
- Production Controller (System) [1 year contract - renewable]
- Production Controller Administrator [1 year contract - renewable]
- Production Engineer
- Program Manager
- Quality Assurance Engineer (System Integration)
- Supplier Quality & Development Manager

9. VisionPower Semiconductor Manufacturing Company (VSMC)....57

- Electrical Engineer
- Equipment Engineer (Etch, Photo, Thin Film, Diffusion)
- Intelligent Manufacturing Center Engineer
- Information Technology Operations Support Engineer
- Process Engineer (Etch, Photo, Thin Film, Diffusion)
- Process Integration Engineer

Back-End Referral (refer to page for more info)

- **MEDs Technologies.....59**
 - Customer Service Executive
 - Microelectronic Assembly Engineer
 - Procurement Executive

- **Soitec Microelectronic Singapore.....62**
 - Metrology Backend Process Technical Specialist
 - Quality Process Senior Technical Specialist

1. GlobalFoundries

GlobalFoundries is a leading full-service semiconductor foundry providing a unique combination of design, development, and fabrication services to some of the world's most inspired technology companies. With a global manufacturing footprint spanning three continents, GlobalFoundries makes possible the technologies and systems that transform industries and give customers the power to shape their markets. For more information, visit www.globalfoundries.com

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Associate Engineer Facilities	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Mechanical / Mechatronics / Microelectronics Engineering • 1 to 2 years working experience in electrical / electronics industry 	<ul style="list-style-type: none"> • Plan and execute all Preventive Maintenance regime for Mechanical related system and supervise and coordinate work with vendors on Preventive Maintenance, Corrective Maintenance, Breakdown Maintenance and Ad-hoc Maintenance. 	<ul style="list-style-type: none"> • 5-day work week • 8.15am-5.30pm • 60 Woodlands Industrial Park D St 2
Associate Equipment Engineer	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Mechanical / Mechatronics / Microelectronics Engineering • 1 to 2 years working experience in electrical / electronics industry 	<ul style="list-style-type: none"> • Maintain and support equipment readiness and perform preventive maintenance (PM) and troubleshooting of equipment 	<ul style="list-style-type: none"> • 4-day work week • 8.00am-8.00pm • 60 Woodlands Industrial Park D St 2
Associate Process Engineer	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Mechanical / Mechatronics / Microelectronics Engineering • 1 to 2 years working experience in electrical / electronics industry 	<ul style="list-style-type: none"> • You will work on monitoring and sustaining process / SPC to ensure quality of products are meeting specification. 	<ul style="list-style-type: none"> • 4-day work week • 8.00am-8.00pm • 60 Woodlands Industrial Park D St 2
Engineer, Process Engineering	<ul style="list-style-type: none"> • 2 years of working experience in electrical / electronics industry 	<ul style="list-style-type: none"> • Sustain and improve process / SPC to meet quality, cost, productivity requirements. • Process improvement to eliminate inherent process weakness to achieve company goals. 	<ul style="list-style-type: none"> • 5-day work week • 8.15am-5.30pm • 60 Woodlands Industrial Park D St 2
Equipment Engineer	<ul style="list-style-type: none"> • 2 years of relevant experience in equipment engineering, preferably in a wafer fab / Electronics / Electrical industry 	<ul style="list-style-type: none"> • Maintain and support equipment readiness in capacity of either an individual contributor (as directed and/or independently), or as a manager. 	<ul style="list-style-type: none"> • 5-day work week • 8.15am-5.30pm • 60 Woodlands Industrial Park D St 2

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Manager, Safety and Emergency Response	<ul style="list-style-type: none"> • At least 10 to 15 years of EHS Safety senior management experience in multinational, semiconductor, or related industry. • ISO 14001, OHSAS 18001, ISO 45000, OSHA, SEMI, FM, and Responsible Business Alliance experience preferred. • ISO 14001, 18001/ 45001 Lead Auditor certified is a plus. 	<ul style="list-style-type: none"> • Management of a Safety Section - Lead team of Safety Engineers, and subject matter experts to promote EHSS awareness among GlobalFoundries employees, contractors, visitors, and other guests as appropriate. 	<ul style="list-style-type: none"> • 5-day work week • 8.15am-5.30pm • 60 Woodlands Industrial Park D St 2
Principal Engineer, Safety and Emergency Response	<ul style="list-style-type: none"> • A technology-related bachelor's degree / Bachelor of Environmental and Occupational Health & Safety. • Minimum 7 years of related experience 	<ul style="list-style-type: none"> • Conduct the necessary risk assessments and workplace safety and health training of other engineers and employees to enhance their safety and health knowledge and technical capability 	<ul style="list-style-type: none"> • 5-day work week • 8.15am-5.30pm • 60 Woodlands Industrial Park D St 2

2. HOYA Electronics Singapore

HOYA constantly strives to create new value through innovation based on its advanced optics technologies. More than 35,000 employees in about 40 countries and regions strive to provide indispensable products and services to contribute to create a healthy and prosperous society.

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Automation Technician	<ul style="list-style-type: none"> • Minimum 'O' levels with experience / NITEC / Diploma in Engineering. • 1 to 2 years related working experience in semiconductor industry is preferred. • Good team player. • Good knowledge of Microsoft Office. • Proficiency in English. • Being bilingual will be considered an advantage. <p><u>Additional Information:</u></p> <ul style="list-style-type: none"> • Willing to work in 12 - hour rotating shift (4 workdays / 3 rest days / 3 workdays / 4 rest days). • Flexibility to work OT on off / rest days is advantageous. 	<ul style="list-style-type: none"> • Support, maintain and troubleshoot production machines to ensure consistent machines uptime. • Provide engineering, production and application support for automation equipment with regards to operation, troubleshooting, maintenance, installation or upgrading. • First level, front-end support to maintain AMHS operations and trouble AMHS includes RGV (Raid Guided Vehicles), OHT (Overhead Hoist Transfer) and AIV (Automated Intelligent Vehicles). • Perform daily / routine checks to monitor equipment operating parameters and MPI / MMM check sheets, prompt updating onto monitoring system to ensure operations are within control specifications. • Troubleshoot and perform quick equipment breakdown recovery, carry out corrective / preventive maintenance, upgrading, modification or improvement work together. • Ensure workstations are in excellent 5S housekeeping and safety. • Monitor the automation equipment utilization performance through OEE (availability and performance rates). • Help to manage and control critical spare parts and inventory record / management regularly. • Assist with other ad hoc duties as assigned by your supervisor. 	<ul style="list-style-type: none"> • 4-day work week • 8.30am - 8.45pm / 8.30pm - 8.45am • 10 Tampines Industrial Crescent

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Engineer, Development	<ul style="list-style-type: none"> • Bachelor's degree in Engineering. • A minimum of 3 - 5 years of relevant experience in the semiconductor industry is preferred. • Strong knowledge of thin film metallurgy and deposition processes and equipment, including ion beam deposition, PVD, and CVD. • Preferred background in statistical analysis, with proficiency in tools like JMP, Minitab, DOE, and SPC. • Experience with analytical instruments, including X-ray reflectometry, SEM, and EDX. • Familiarity with quality-certified environments, such as ISO9001, 5S, 8D, and Lean Six Sigma. 	<ul style="list-style-type: none"> • Oversee the setup and launch of pilot lines for new product introductions. • Monitor thin film properties and defective performance throughout production, ensuring adherence to specifications. • Apply statistical methods, including SPC and Six Sigma, to maintain robust process control and monitoring. • Use process metrics, such as Design of Experiments (DOE) and ANOVA, to identify issues and drive process improvements. • Develop and implement continuous quality improvement plans. • Collaborate with production, equipment engineering, and quality assurance teams to address customer feedback and resolve quality issues. • Create and maintain process documentation in alignment with ISO standards. • Work closely with the R&D team to conduct experiments and produce samples that support technology roadmap advancements. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30am • 10 Tampines Industrial Crescent
IT Engineer	<ul style="list-style-type: none"> • Diploma / Degree in IT, Computer Science, Computer Engineering, or its equivalent. • At least 3 years of working experience with Microsoft Windows Servers, Microsoft AD, VMWare / Nutanix, including physical / virtual implementation and operation support. • Strong knowledge in security hardening on network, Windows operating systems, and SQL. • Experience with capacity planning and systems / storage operations. • Experience in managing cloud infrastructure, particularly MS Azure, 	<ul style="list-style-type: none"> • Handle the IT service of infrastructure Security, Network, System, Storage, and Backup to ensure the reliability and efficiency of systems. • Areas of responsibility include network operations and security, server hardware, VM, Microsoft Windows servers, HP Unix, Linux server. • Ensure system performance, availability, integrity, and confidentiality through regular maintenance, patch management, and virus / malware / ransomware protection. • Respond timely to infrastructure and security incidents on our IT infrastructure and services in Office and Production. • Track IT infrastructure operational metrics and be part of the team to manage and plan performance and capacity. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30am • 10 Tampines Industrial Crescent

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
	<p>SharePoint, and related security services is beneficial.</p> <ul style="list-style-type: none"> • Good communication skills with a driven and motivated working attitude. • Ability to manage tasks independently, take ownership of responsibilities, and work with minimal supervision. • Certification in Office 365, Windows Server, CCNA, Security is a plus. • Good understanding of networking concepts including OSI model, TCP/IP. • Strong background in Windows Administration. • Familiar with network technology, network routing, network address translation, network security such as firewall, and hardening. • Highly organized, highly analytical, and procedural, be a creative and strategic thinker, and is able work on multiple projects and meet tight deadlines. • Passion for solution development and automation, and actively look for opportunities to develop tools to streamline and simplify the development and delivery process. • Self-motivated and pays close attention to detail. 	<ul style="list-style-type: none"> • Play a key role in IT security including the design, development, implementation, and maintenance of IT security policies and systems. • Monitor, manage, and mitigate risks of IT systems to security threats and vulnerabilities. • Conduct periodic reviews and audits of IT systems and processes to ensure compliance and uncover IT security risks. • Managing M365 end-user support and experience for business requirements. • Troubleshooting issues related to M365 products at the device level and user end. • Use technical and analytical expertise / knowledge of systems to resolve problems internally. • Understanding monitoring technology, setting up, configuration, and alert triggering. • Any ad hoc duties assigned by supervisor / manager. 	

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Process Integration Engineer	<ul style="list-style-type: none"> • PhD / Masters / Bachelor's in Engineering / Physics / Materials Science or related field. • 5+ years of experience with process integration knowledge in semiconductor and wafer fabrication industry. • Knowledge of Statistical Process Control (SPC) and/or Design of Experiments (DOE) principles & Lean and Six Sigma. • Good communication skills, be able to work within cross-functional teams, including internal and external partners. • Good data compilation, statistical analysis and reporting skills. 	<ul style="list-style-type: none"> • Fine-tune existing process technologies for baseline improvement. • Monitor process performance data to establish good control parameters. • Run Design of experiments (DOE) to optimize process margins and determine process and technical specifications. • Run prototype on new or derivative processes. • Work with internal stakeholders and external parties / vendors supporting process simplification projects. • Cross functional collaboration with global teams in a matrix organization . • Any ad hoc duties assigned by supervisor / manager. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30am • 10 Tampines Industrial Crescent
Quality & NPI Engineer	<ul style="list-style-type: none"> • PhD / Masters / Bachelor's in Engineering / Physics / Materials Science or related field. • 5+ years of experience with a progressive track record in the semiconductor and wafer fabrication industry. • Background in process optimization, yield and defect metrology programs and new product introduction (NPI). • Expertise in the semiconductor manufacturing systems, including EDA, yield learning and process controls. • Knowledge and experience with statistical methods, including Lean Manufacturing and Six 	<ul style="list-style-type: none"> • Develop, implement, and monitor quality control processes on critical product parameters for NPI product performance monitoring. • Work with Development team on NPI product analysis, utilizing Engineering Data Analysis system (Klarity ACE) for process capability, yield and defect management. • Work with Technology Development, Production Engineering, Quality and Application Engineering teams in monitoring routes / products / processes to mitigate technology and manufacturing risks. • Implement continuous improvement initiatives to enhance product quality and efficiency. • Analyze production data and implement corrective actions as needed. • Maintain up-to-date knowledge of industry trends and best practices. • Participate in root cause analysis and problem-solving activities. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30am • 10 Tampines Industrial Crescent

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
	Sigma methodologies, applying SPC & DOE.	<ul style="list-style-type: none"> • Cross functional collaboration with global teams in a matrix organization • Any ad hoc duties assigned by supervisor / manager. 	
Senior Equipment Engineer, Development	<ul style="list-style-type: none"> • Minimum of 3 to 5 years of experience as an equipment engineer, ideally in a semiconductor, thin-film, or advanced manufacturing environment. • Strong understanding of thin-film metallurgy, deposition processes, and related equipment (Ion Beam Deposition, PVD, CVD). • Proven ability to adapt quickly to changing priorities and resolve unexpected equipment challenges in a fast-paced R&D environment. • Basic programming or scripting skills (e.g., Python, MATLAB) are a plus for data analysis and automation tasks. • Experience working in a quality-certified environment, such as ISO9001, 5S, 8D, or Lean Six Sigma. 	<ul style="list-style-type: none"> • Develop, install, and optimize equipment used in mask blank R&D processes, focusing on reliability, precision, and alignment with advanced specifications. • Troubleshoot and resolve equipment issues to support seamless R&D operations and minimize downtime. • Collaborate with R&D and process engineering teams to implement and test new equipment configurations or modifications that enhance process capabilities. • Support the pilot production of new mask blank designs by ensuring equipment readiness and reliability during development cycles. • Develop and document equipment procedures, maintenance schedules, and calibration records in alignment with ISO and quality standards. • Work closely with vendors and suppliers to acquire, install, and integrate new equipment, as well as support ongoing improvements and upgrades. • Lead or participate in continuous improvement projects to enhance equipment efficiency, yield, and throughput within the R&D environment. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30am • 10 Tampines Industrial Crescent

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Smart Manufacturing System Engineer	<ul style="list-style-type: none"> • Masters / Bachelors' in Computer Science / Computer Engineering or related field. • Minimum 5+ years of experience with a progressive track record in the semiconductor and wafer fabrication industry • Expertise in semiconductor manufacturing systems, including EDA systems (e.g. Klarity ACE / DEFECT), yield learning and process controls. • Knowledge and experience in AI / machine learning applications, data analytics applications & project management. 	<ul style="list-style-type: none"> • Support initiatives for next generation engineering data analysis (EDA), including 4.0 / smart manufacturing, and AI / machine learning applications. • Enhance and optimize engineering data analysis (EDA) systems for Manufacturing, Yield, and Defect Management. • Advanced process control (APC) initiatives for manufacturing support (FDC, etc.) • Work with Development, Production Engineering, Quality and Application Engineering teams to analyze and provide actionable data to mitigate technology and manufacturing risks • Work with internal stakeholders and external parties / vendors to execute key projects. • Cross functional collaboration with global teams in a matrix organization. • Any ad hoc duties assigned by supervisor / manager. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30am • 10 Tampines Industrial Crescent

3. KYEC Singapore

King Yuan Electronics Corp. (KYEC), headquartered in Hsinchu, Taiwan, is one of the world's leading providers of semiconductor testing and assembly services. Founded in 1987, the company has grown into a critical player in the semiconductor supply chain, specializing in back-end services such as wafer probing, final testing, and packaging. These services ensure that chips meet rigorous performance and reliability standards before integration into various electronic devices.

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Accessories Technician	<ul style="list-style-type: none"> • Education: Typically, a background in electronics, engineering technology, or a related field is preferred, often complemented by relevant certifications or experience in a semiconductor or manufacturing environment. • Technical Knowledge: Understanding of semiconductor manufacturing processes and equipment. • Problem-Solving: Strong analytical skills to troubleshoot and resolve technical issues. • Attention to Detail: Ability to work meticulously to ensure high standards of quality and safety. • Communication Skills: Effective communication with team members and other departments. • Mechanical Aptitude: Familiarity with hand tools and repair techniques. 	<ul style="list-style-type: none"> • An Accessories Technician in semiconductor manufacturing typically focuses on maintaining, repairing, and optimizing the tools and equipment used in the production process. • This role is crucial for ensuring that the manufacturing environment operates smoothly and efficiently. 	<ul style="list-style-type: none"> • 3.5-day work week • 7:20am - 7:20pm / 7:20pm - 7:20am • 750A Chai Chee Road
Equipment Engineer	<ul style="list-style-type: none"> • Education: Bachelor's degree in Mechanical, Electrical, or Industrial Engineering or a related field. • Experience in equipment maintenance, troubleshooting, or engineering support in an industrial setting. • Strong knowledge of mechanical, electrical, or control systems. • Proficiency in maintenance management software and tools. • Problem-solving skills and a proactive approach to identifying and resolving issues. 	<ul style="list-style-type: none"> • An Equipment Engineer is responsible for ensuring the efficient operation and maintenance of industrial equipment, machinery, and tools used in manufacturing, production, or other engineering processes. 	<ul style="list-style-type: none"> • 5-day work week • 9am - 6pm • 750A Chai Chee Road

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Equipment Technician	<ul style="list-style-type: none"> • Education: High school diploma or equivalent; technical degree or certification in a related field is preferred. • Experience: Previous experience in equipment maintenance, repair, or a related role. • Skills: Strong mechanical and electrical troubleshooting skills; proficiency in using hand tools and diagnostic equipment. • Physical requirements: Ability to lift heavy equipment and work in various environmental conditions. 	<ul style="list-style-type: none"> • An Equipment Technician is responsible for the maintenance, repair, and troubleshooting of various types of equipment and machinery. 	<ul style="list-style-type: none"> • 3.5-day work week • 7:20am - 7:20pm / 7:20pm - 7:20am • 750A Chai Chee Road
Production Engineer	<ul style="list-style-type: none"> • Education: Bachelor's degree or High school diploma or equivalent in Mechanical, Industrial, or Production Engineering, or a related field. • Technical Skills: Knowledge of manufacturing processes, machinery, and production planning. • Problem-Solving Skills: Ability to identify issues, develop solutions, and implement them effectively. • Project Management: Experience in managing production projects from concept through completion. • Analytical Skills: Ability to collect, interpret, and analyze production data. • Communication Skills: Strong verbal and written communication to interact with teams, suppliers, and management. • Knowledge of Lean Manufacturing: Familiarity with lean manufacturing principles and continuous improvement methodologies such as Six Sigma. • Attention to Detail: High level of accuracy to ensure quality standards are met. • Software Proficiency: Experience with ERP software, CAD tools, and other production management tools. 	<ul style="list-style-type: none"> • A Production Engineer is responsible for overseeing and improving manufacturing processes, ensuring efficient production, and maintaining product quality. 	<ul style="list-style-type: none"> • 5-day work week • 9am - 6pm • 750A Chai Chee Road

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Production Planner	<ul style="list-style-type: none"> • Education: Bachelor's degree or High school diploma or equivalent in supply chain management, industrial engineering, business, or related field. • Proven experience as a production planner or similar role in a manufacturing environment. • Strong understanding of production processes and capacity planning. • Proficiency in ERP systems and production planning software (e.g., SAP, Oracle, etc.). • Excellent analytical and problem-solving skills. • Strong organizational and time-management abilities. • Ability to communicate effectively with cross-functional teams. • Knowledge of lean manufacturing principles is a plus. 	<ul style="list-style-type: none"> • A Production Planner is responsible for planning, coordinating, and managing manufacturing processes to ensure that production meets customer demand efficiently and on schedule. 	<ul style="list-style-type: none"> • 5-day work week • 9am - 6pm • 750A Chai Chee Road
Production Technician	<ul style="list-style-type: none"> • Education: High school diploma or equivalent; technical degree or certification preferred. • Experience: Previous experience in a manufacturing or production environment is advantageous. <p><u>Skills:</u></p> <ul style="list-style-type: none"> • Strong attention to detail • Good problem-solving skills • Ability to work in a team • Basic mechanical skills • Proficiency in using production tools and software 	<ul style="list-style-type: none"> • A Production Technician is responsible for supporting the manufacturing process by operating machinery, monitoring production lines, and ensuring quality standards are met. 	<ul style="list-style-type: none"> • 3.5-day work week • 7:20am - 7:20pm / 7:20pm - 7:20am • 750A Chai Chee Road
Test Engineer	<ul style="list-style-type: none"> • Bachelor's degree in Computer Science, Engineering, or related field. • Proven experience as a Test Engineer or similar role in software / hardware testing. • Proficiency in test management tools (e.g., JIRA, TestRail) and defect tracking tools. • Experience with test automation tools (e.g., Selenium, TestNG, JUnit). 	<ul style="list-style-type: none"> • A Test Engineer is responsible for ensuring the quality and functionality of software, hardware, or systems through systematic testing and analysis. • Their primary role is to identify defects, verify product performance, and ensure that the product meets the specified 	<ul style="list-style-type: none"> • 5-day work week • 9am - 6pm • 750A Chai Chee Road

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
	<ul style="list-style-type: none"> • Familiarity with scripting languages (e.g., Python, JavaScript) and the software development lifecycle (SDLC). • Strong analytical skills and attention to detail. • Good understanding of QA methodologies, processes, and tools. • Ability to work in a fast-paced environment and manage multiple tasks simultaneously. 	requirements before it reaches the customer.	
Test Technician	<ul style="list-style-type: none"> • Education: High school diploma or Associate's degree in electronics, engineering technology, or a related field; relevant certifications are a plus. • Experience: Previous experience in a testing or quality assurance role, preferably in a manufacturing or engineering environment. • Technical Skills: Proficiency in using test equipment (e.g., oscilloscopes, multimeters, data acquisition systems) and understanding of electrical and mechanical systems. • Problem-Solving Skills: Strong analytical and troubleshooting skills with attention to detail. • Communication: Effective verbal and written communication skills to convey technical information clearly. 	<ul style="list-style-type: none"> • A Test Technician is responsible for conducting tests on products and systems to ensure they meet specified standards and quality requirements. 	<ul style="list-style-type: none"> • 3.5-day work week • 7:20am - 7:20pm / 7:20pm - 7:20am • 750A Chai Chee Road

4. Micron Semiconductor Asia Operations

Micron began in 1978 as a four-person semiconductor design company in the basement of a Boise, Idaho dental office. By 1980, we had broken ground on our first fabrication plant, and then just a few years later we introduced the world's smallest 256K DRAM. In 1994, we earned a spot on the Fortune 500 and steadily grew into an industry leader through our technology innovations, key partnerships, and strategic acquisitions around the world. Check out the milestones that have made us who we are today.

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Automation Equipment Technician	<ul style="list-style-type: none"> • Diploma in Mechanical, Electrical / Electronics, Mechatronics or automation-related fields. • Certificates from technical or vocational education with relevant course of study. preferably relevant to automation-related fields. • Preferably with 2 years of working experience in a semiconductor or manufacturing environment. • Self-starter, inquisitive and hands-on attitude with safety mentality. 	<ul style="list-style-type: none"> • Equipment Technicians are responsible for monitoring, sustaining, and improving the equipment in their assigned area, while working in partnership with Shift Operations team members, area equipment engineers and tool vendors. • Equipment Technicians monitor tool performance, schedule and perform preventative maintenance on assigned tool sets, and use mechanical, electronic and PC / software skills to repair equipment issues. • Responsibilities: Perform electrical or mechanical troubleshooting to determine problems in non-functioning electro-mechanical equipment used in the manufacturing process. • Dismantle, adjust, repair and assemble equipment according to layout plans, blueprints, operating or repair manuals, rough sketches or drawings. • Use test and diagnostic equipment to perform checkouts. • Perform equipment modifications as directed by engineers. • Perform Preventive Maintenance and necessary equipment calibrations. • Be responsible for meeting shift critical metric (Key Performance Indicators) ensuring equipment operating in specified performance levels. 	<ul style="list-style-type: none"> • 3.5-day work week • 7am to 7pm or 7pm to 7am • 990 Bendemeer Road

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> • Prepare shift reports and conduct shift pass downs. • Lead CIP (Continuous Improvement Projects) with fellow team members. • Analyze equipment data to make recommendations for advanced troubleshooting. • Perform housekeeping for a clean and safe work environment. • Communicate and collaborate with fellow operation partners to expeditiously resolve production line issues. 	
Engineer / Sr. Eng / Principal Eng - NAND CMOS Device	<ul style="list-style-type: none"> • MS / PhD in Electrical Engineering or related field, PhD in Semiconductor Device Technology preferred • 5 plus years industry experience in the field of CMOS device design, simulation, characterization • Experience in developing advanced logic transistor technologies • Experience in developing Analog FETs operating at Higher Voltages • Understanding of analog design concepts • Good presentation skills • Excellent team and mentoring skills 	<ul style="list-style-type: none"> • As a NAND CMOS Device Integration Engineer, you will help set the direction for current and future CMOS technology for Micron's NAND Memory Technology Roadmap. • You will work with the Design Team to set electrical targets and define transistor structures to meet these targets. • You will guide the device technology development and be in close relation with Process Integration, Design Engineering, Design, Design Rules, Reliability, Transistor Modeling, TCAD (Technology Computer-Aided Design), and Parametric Test, to name a few. • In addition, you will ensure that the developed technology is manufacturable and highly yielding and that these considerations are designed into the technology from the start. 	<ul style="list-style-type: none"> • 5-day work week • 8am to 5.30pm • North Coast Industrial Park

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
		<p><u>Responsibilities include, but not limited to:</u></p> <ul style="list-style-type: none"> • Together with your peers, you shape and execute our NAND-CMOS roadmap and make sure to align to product roadmaps. • You give directions on how to improve our device portfolio, both in performance and cost effectiveness. • You define, execute, and analyze silicon experiments for future device generations. • Interface with Design Engineers to define transistor targets, deliver transistor models, and optimize critical layout constrained Design Rules. • Work with TCAD simulation group to develop strategies for transistor structures to meet targets. • You strive to ensure that transistor models are correctly targeted to anticipate final silicon. • Define electrical test structures for transistors, isolation, design rule verification, and process monitoring. • Highly motivated to ensure transistors are developed meeting the required reliability standards. • You take the initiative to collaborate with Manufacturing to ensure transistors are performing as expected and to debug yield / reliability issues. • You foster and enable a collaborative working style and team spirit by mentoring less experienced colleagues. 	

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Manufacturing Engineer	<ul style="list-style-type: none"> • Bachelor's or Master's degree in Engineering. • Highly motivated and adaptable to our fast-paced, dynamic and rapidly changing work environment. • Flexibility to work for extended hours as required. • Strong communication with ability to convey the message clearly and sharply. • Logical approach towards problem solving. • Excellent ability to prioritize and run numerous tasks at a time. • Efficiently utilize available resources or seek peers' and/or management help to get over the roadblocks to work towards solutions. • Willing to do permanent 12-hour shift work. 	<ul style="list-style-type: none"> • Monitoring the health and carrying out maintenance of manufacturing equipment to produce the highest quality product. • Continuously evaluate new ideas and optimize / improve tool capabilities to attain benchmark performance. • Partnering with the Equipment and Process Engineering peers to simplify and increase efficiency for operation on the equipment • Identify disruptive equipment early, work with Equipment and Process peers to identify viable methods on early detection and resolution or elimination of the issue. • Lead team or suppliers on challenging projects in focused meetings with end goal of delivering highest quality and cost-effective product. • Identify and resolve Safety hazards. • Follow Safety procedures including lockout, chemical safety, lifting techniques and ergonomics. • Adhere to fab disciplines in line with the values of Micron. • Strict alignment to Micron Intellectual Property protection policy is a requirement. 	<ul style="list-style-type: none"> • 3.5-day work week • 8.30am to 9pm or 8.30pm to 9am • North Coast Industrial Park
Physical Failure Analysis Technician	<ul style="list-style-type: none"> • Diploma graduates in Microelectronics, Electronics, Mechatronics or equivalent. • Fresh graduates are welcome to apply. • Prefer 1 year or more in Physical Failure Analysis, Fab, Assembly work environment. • Able to commit 12-hour rotating day / night shift or Permanent 12-hour night shift 	<ul style="list-style-type: none"> • As Product Yield Enhancement (PYE) Physical Failure Analysis (PFA) Technician for Micron Technology, Inc., you will be responsible for providing full physical failure analysis, circuit edits and functional de-capsulation, supporting qualifications, customer returns, new device introduction, and general test failures. • You will become a subject matter expert on physical failure analysis, circuit edits and de-capsulation methods, tools and techniques. • You will also be responsible for understanding all relevant analytical techniques; electrical failure modes, 	<ul style="list-style-type: none"> • 3.5-day work week • 7am to 7pm or 7pm to 7am • 990 Bendemeer Road

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
		<p>architecture, fabrication process, device operation and device physics for solid state memory devices.</p> <ul style="list-style-type: none"> • In this work environment you will be required to follow lab policies and safety procedures. 	
Process & Equipment Engineer	<ul style="list-style-type: none"> • Masters / Bachelor Degree in Chemical / Electrical / Mechanical Engineering, Materials Science, Chemistry & Physics 	<ul style="list-style-type: none"> • Collaborate with Production, Equipment, Shift Engineering, Process Integration and other Process Areas in day-to-day tasks • Analyze process data and conduct experiments to optimize process conditions • Design and implement advanced process monitoring and control methodologies • Troubleshoot process failures and implement robust and effective solutions to address process and equipment issues • Participate and lead cross module team in process and yield improvement meeting to help improve overall yield of the product • Develop procedures and checklists for maintenance, equipment or process qualification and reaction mechanisms • Initiate and execute process improvements contributing to overall manufacturing productivity and cost competitiveness • Utilize project management fundamentals for project development, tracking and closure • Participate in quality focused meetings to help the area reduce scrap and excursions, improve quality and maximize yield 	<ul style="list-style-type: none"> • 5-day work week • 8am to 5.30pm • North Coast Industrial Park

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
SSD Equipment Technician	<ul style="list-style-type: none"> • Diploma in Engineering. Mechanical / Electrical / Electronic Engineering is preferred. • Experience in equipment maintenance and troubleshooting is preferred. • Knowledge of semiconductor manufacturing process and technologies is preferred. • Able to perform 12 hours shift (2 weeks rotating) 	<ul style="list-style-type: none"> • Equipment Technicians are responsible for monitoring, sustaining, and improving the equipment in their assigned area, while working in partnership with Shift Operations team members, area equipment engineers and tool vendors. • Equipment Technicians monitor tool performance, schedule and perform preventative maintenance on assigned tool sets, and use mechanical, electronic and PC / software skills to repair equipment issues. • Responsibilities: Performs electrical or mechanical troubleshooting to determine problems in non-functioning electro-mechanical equipment used in the manufacturing process. • Dismantles, adjusts, repairs and assembles equipment according to layout plans, blueprints, operating or repair manuals, rough sketches or drawings. • Uses test and diagnostic equipment to perform checkouts. • Rebuilds manufacturing equipment as required. • May perform equipment modifications as directed by engineers. 	<ul style="list-style-type: none"> • 3.5-day work week • 7am to 7pm or 7pm to 7am • 990 Bendemeer Road

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Technology Development (TD) Process Development Engineer / Senior Engineer	<ul style="list-style-type: none"> • Masters / PhD graduates in Materials Science, Chemical / Microelectronic Engineering or Chemistry are welcomed to apply. • A deep understanding of chemistry, chemical kinetics, thermodynamics and mass transport. • 2 - 3 years of experience in Semiconductor Equipment / Process development is preferable. • An understanding of the general process steps and process flow for memory processing, planar and vertical NAND memory. • Working knowledge of data analysis systems e.g.: Y3 to facilitate analysis of experimental data. • Working knowledge of Design of Experiments (DoE). • Proven ability to collaborate with local and overseas teams on projects. • Excellent oral and written communication skills with ability to convey the message in concise and effective manner both in local as well as remote communications. • Ability to be a self-motivated individual and be adaptable to Micron's changing needs in terms of 	<ul style="list-style-type: none"> • Develop and optimize unit processes to meet the yield and quality requirements of advanced NAND part type. • Quantify benefits of innovative process and/or equipment solutions to enable early experimentation and adoption for process margin improvement. • Prioritize within Singapore based manufacturing Wet Etch team on the key technology issues that need TD breakthroughs. • Integrate and troubleshoot processes as part of cross-functional teams driving yield and quality improvement. • Participate with Boise TD peers on technology choices for the upcoming nodes and able to translate future technology device needs into clear process requirements • Identify disruptive processes early on and work with manufacturing and Boise TD to identify viable path forward • Process development will include performing fundamental research, hardware evaluations, as well as testing processes for novel applications and generating intellectual property relevant to Micron. • Initiate and manage experiments to widen process margins as well as to test out manufacturability of next node solutions • Identify process simplification opportunities and drive cross functional teams in implementation Incorporate best known manufacturing methods into early development phase of upcoming nodes. • Design and implement advanced process monitoring and control methodologies. 	<ul style="list-style-type: none"> • 3.5-day work week • 8.30am to 9pm or 8.30pm to 9am • North Coast Industrial Park

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
	<p>working extended hours, if required.</p> <ul style="list-style-type: none"> • Proven ability to work in a demanding & dynamic environment and able to prioritize and manage multiple projects simultaneously. • Ability to travel for extended periods of time and stay at Boise TD for 2-4 months at a stretch to work on technology development. 	<ul style="list-style-type: none"> • Serve as a technical expert within Micron contributing to technical projects for improvements to processes, procedures and equipment. • Lead team or sites or suppliers on complex, multi-disciplinary projects in quality focused meetings, process and yield improvement meetings, cost and productivity improvement meetings. • Provide advice and counsel to management on significant technical issues. • Leads and initiate innovation projects through patents / technical papers. • This position requires communication and collaboration with partners both locally and globally. • Strict adherence to Micron Intellectual Property protection policy is a must. • Be part of the continuous worldwide TD engagement with suppliers pushing for breakthrough solutions. 	

5. STMicroelectronics Asia Pacific

We are a global leader in propulsion systems, powering the most advanced aircraft in the world, and we are shaping the future of aviation. Our engines help connect people, grow economies, and defend freedom. Our customers depend on us to get where they're going and back again.

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
BEM&T - BE Central Industrial Engineering Manager (JR1649)	<ul style="list-style-type: none"> • Bachelor's in engineering in Manufacturing / Engineering Sciences or similar. • 7 years of Backend Manufacturing experience and managerial position. • Has experience managing a team. • Extensive knowledge of excel, PowerPoint and Power BI. • Leader and able to drive and manage project(s) concisely. 	<ul style="list-style-type: none"> • Define Vision / Strategy to strengthen and sustain Industrial Engineering activities within Back End (Bouskoura, Calamba, Malta, Muar, Rennes, Shenzhen). • Ensure the best utilization of BEMT assets and drive improvement to achieve manufacturing excellence. • Support plants and make recommendations to management by providing accurate, concise information and directions to Operations & Management and Drive/ Contribute to BEMT wide project for: productivity, robustness & production output growth. • Drive optimization of resource utilization, adoption of standardized best practices and continuous improvement to achieve manufacturing excellence • Drive Programs made of several Project Teams (Capacity Increase, Equipment efficiency; Productivity improvement...). • Plan and develop the evolution of existing applications and systems (LCRP, STULT, MES, IEDB) used for worldwide BEMT plants. • Assess Data Integrity and CR of tactical and Strategical BEM&T Supply Chain tools • Accountable for Local Capacity Requirement Planning (LCRP) systems and integrations on both Assembly and Test & Finishing steps for Snop (Sales and Operation) process Robustness at BEMT level. • To support the deployment and implementation of the Lean for All BEMT Organization through specific Training, systematic process Tracking and Communication. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 6.15pm • 629 Lor 4 Toa Payoh

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
CCFS QMT- BE Central Facility Manager (JR1699)	<ul style="list-style-type: none"> • BSc / BA degree in Project Management, Construction Management or an Engineering discipline or a relevant field; MSc / MA is a plus. • Minimum 8 years' experience in project execution as a Project Manager or other managerial position in Semiconductor / Oil & Gas / Manufacturing / Construction Industry. • Project management experience in large organizations or within Semiconductor is a plus. • Experience in complex brownfield and greenfield construction projects. • Strong team management skills and experience liaising with stakeholders, internal teams, authorities, contractors / subcontractors and vendors. • Excellent Project reporting capability • Strong working knowledge of project management tools and safety management systems and understanding of risk management methodologies. • Understanding of building services and related works across different disciplines (i.e. Civil / Structural / Mechanical / Electrical / Instruments / Controls / Automation etc.). 	<ul style="list-style-type: none"> • Daily interface with local teams to identify and resolve expertise gaps, reporting to the Central Back-End Manager. • Ensure effective and cohesive teamwork by RACI matrix application and cross-functional communications are adequate, reporting for any deviation. • Coordinate and ensure an effective communication and interface between the Facilities Team (or Project Team) and Key stakeholders. • Whenever needed escalate any necessity of support or deviation to upper management. • Responsible to engage with all organization's stakeholders and with the Central Team for the end-to-end planning and delivery of project deliverables, including contracting / subcontracting, design & engineering management, execution planning, cost estimating, planning & scheduling, project controls, EHS management, risks management, cost & schedule methods & data management, quality management, Projects' highlights, lowlights, issues and progress. • Follow-up with local facility Managers the ongoing strategic and operational plans for Facilities projects to assure on time delivery, Safe and Timely execution, within required Quality and Budget. • Be acquainted with Company's tools including Standard Operating Procedures, Projects Management Methodology, Company and Technical standards; moreover, track and assure deployment of such tools and methodologies at each site. • Ensure sites alignment with applicable regulation / permitting to Facilities systems. • Coordinate with Facility Managers to ensure Master budget update to track expenditures for capacity increase, refurbishment or renewal plans due to obsolescence. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 6.15pm • 629 Lor 4 Toa Payoh

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
	<ul style="list-style-type: none"> • Experience managing budgets (planning & execution). • Good negotiation and emotional intelligence skills. 	<ul style="list-style-type: none"> • Support both during the planning and execution phases. • Monitor and prepare summary reports in line with Project Management Company's guidelines to support decisions. • Drive implementation of Project Governance Policies . • Facilitate sites interaction with stakeholders on risks and issues that might arise over the course of a project's life cycle, facilitate mitigations and guide to set measures to correct them. • Create and report to the Central BEM&T Senior Management on operational plan progress and status. 	
IC Development - Project Validation Leader (JR4450)	<ul style="list-style-type: none"> • Master or Bachelor' degree in Electrical Engineering, optoelectronics, or similar discipline. • At least 4 years of experience in Validation, Testing, Electronic product development or project Management. <p><u>Important skills required:</u></p> <ul style="list-style-type: none"> • Engage and collaborate with cross-functional teams • Good level of autonomy, methodology and rigor • Ability to work in a multi-cultural environment. • Demonstrate strength of new proposal to complete the project. 	<ul style="list-style-type: none"> • As the project validation Leader, you will manage the Validation, Electrical and Optical Characterization implementation of the project and report the status to different teams inside or outside Imaging Division. <p><u>You will have the following objectives:</u></p> <ul style="list-style-type: none"> • Lead the product validation process till the qualification. • Define the Validation strategy and Electrical & Optical characterization, in line with the project objectives and the Division strategy. • Build and manage a project plan associated with resources and materials. • Manage projects meetings (Kick-off, weeklies,) and technical core-team • Coordinates multidisciplinary teams to achieve project milestones. • Contribute to the project risks analysis. • Track PCB hardware design and developing testing scripts that align with product and characterization requirements. • Track validation progress, anticipating potential issues, and implementing preventive or corrective actions. • Ensure that the expected documents and deliverables are implemented according to the plan. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 6.15pm • 28 Ang Mo Kio Ind Park 2

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> • Participate in product qualification and customer-related activities in collaboration with all relevant divisional functions. • Lead the project postmortem to enhance the next project implementation. • Contribute to the training and expertise growing of the team. • Propose methods and tools improvements vs Project validation. 	
Internal Audit Manager APAC (JR1311)	<ul style="list-style-type: none"> • Bachelor degree in accounting, finance, economics or engineering and business administration. • Preferred certifications: CPA or CIA. • 6 to 10 years of relevant audit experience, ideally combining experience in external audit (Big 4 preferred) and in the industrial sector as a team lead / manager. • Robust skills to communicate effectively across all levels of the organization. • Ability to build and promote strong relationships within the CA team and the colleagues from other functions. • Ability to work in multi-cultural environment and open mindedness attitude. • Ability to work independently and take initiative when needed, with strong analytical skills and an eye for detail. 	<ul style="list-style-type: none"> • Conduct regular audit reviews in the APAC region, based on the yearly audit plan defined by Management. <p><u>These activities include:</u></p> <ul style="list-style-type: none"> • Audit planning and risk control matrix preparation. • Fieldwork preparation and execution. • Discussing preliminary findings / recommendations with auditees and related Management. • Preparing the audit report and discussing it with CA Management as part of the validation process. • Following-up on the timely and adequate implementation of actions recommended. • Carry out assigned SOX testing activities. • Contribute to the improvement and the development of best practices for the Corporate Audit function. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 6.15pm • 28 Ang Mo Kio Ind Park 2

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
	<p><u>Candidates with solid exposure to the following are preferred:</u></p> <ul style="list-style-type: none"> • Semiconductor or Hi-tech manufacturing industry with multi-sites operations. • SECT 404 (SOX) testing. • SAP (key modules such as FI, MM, etc.) 		
Third Party Onboarding Manager (Global Procurement) (JR3119)	<ul style="list-style-type: none"> • Minimum 6 years of experience in Risk management (Ethics / Finance / Quality compliance check) or Purchasing organization. • Strong attention to detail. • Agile and result oriented. • Dynamic, positive and collaborative mindset & approach. • Team player, able to interface with people across the organization. • Microsoft package expertise (Excel). • SAP / ERP system knowledge; SAP Ariba would be a plus 	<ul style="list-style-type: none"> • Ensure adherence to Third Party Management (TPM) guiding principles and processes in daily operations. • Ensure the Third Party have full adherence and comply strictly with Company Policies and guidelines. • Manage daily backlog on new supplier onboarding for ST Microelectronics and the new Join Venture between ST and SANAN located in China. • Positively support and solve the issue encountered in the onboarding activities with third party. • Assess suppliers' documentation and information timely and in line with ST Policies to guarantee compliance. • Support suppliers and internal stakeholders with the use of TPM onboarding processes and tools (Ariba). • Efficiency in activity management ensuring Cycle time expectations and compliance is required as well as a positive attitude. • Other additional support / activities related to Onboarding may be requested on demand. • Work in partnership within team of 5 (2 from Asia and 4 from Italy) and report to TPM onboarding team manager in Singapore. • Regular interaction and collaboration with Asia Third parties. e.g. China, Singapore, Taiwan. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 6.15pm • 28 Ang Mo Kio Ind Park 2

6. Tokyo Electron Singapore

Tokyo Electron operates worldwide with 15,634 employees in 18 countries and regions. As a leading company of semiconductor and display production equipment, we continuously strive to search for innovative technologies and commit to contribute to industry and society. Established in 2012, Tokyo Electron Singapore primarily focus on sales and services support throughout Southeast Asia. To expand business opportunities and respond to customers' diverse needs, we invite new talents to join our team to grow with us.

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Field Engineer	<ul style="list-style-type: none"> • Degree in Electrical / Electronic / Mechanical / Mechatronics Engineering or its equivalent • At least 2 years of relevant experience with semiconductor equipment knowledge (Fresh graduates are welcomed to apply) • Strong communication and good interpersonal skills • A meticulous, organized and resourceful team player • A highly motivated individual who works independently with little supervision • Work in cleanroom environment • Required to work or on standby during after office hours / weekend / public holiday 	<ul style="list-style-type: none"> • Provide highly visible customer support through the performance of on-site installation, as well as overseeing any necessary diagnoses, troubleshooting, service, and repair of complex equipment and systems • Perform continual improvement programs, parts' overhaul, preventive maintenance, modifications and repair works on equipment • Serve as company liaison with customer on administrative and technical matters for assigned projects • Coordinate logistics arrangements and with customer on equipment related matters • Respond to customers' complaints, provides time to solutions to resolve customers' issues • Monitor the performance of the product, provide regular update report and feedback on customer's service requests • Report common complaints of customers to management to address the situation for future reference 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30pm (OT is expected (e.g. till 8.30pm)) • 1 Paya Lebar Link

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Process Engineer	<ul style="list-style-type: none"> • Degree in Chemical / Materials Science Engineering or its equivalent • At least 2 years of relevant experience in development (Fresh graduates are welcomed to apply) • Experience in Project Management will be an added advantage • Strong communication and good interpersonal skills • A meticulous, organized and resourceful team player • A highly motivated individual who works independently with little supervision • Work in cleanroom environment 	<ul style="list-style-type: none"> • Provide support to customers' engineers on development • Develop new or modified process formulations, defines processing or handling equipment requirements and specifications, and reviews processing techniques and methods applied in the manufacture, fabrication, and evaluation of products • Coordinate design requirement review with appropriate engineering / scientific personnel to ensure compatibility of processing methods • Compile and evaluate test data to determine appropriate limits and variables for process or material specifications • Develop and plan projects involving definition and selection of new concepts, equipment automation technology, and approaches in the processing or development of new or improved processes • Work closely with cross-functional engineering teams to troubleshoot processes and integration problems 	<ul style="list-style-type: none"> • 5-day work week • 8.30am - 5.30pm (OT is expected (e.g. till 8.30pm)) • 1 Paya Lebar Link

7. Vanguard International Semiconductor Singapore

Vanguard International Semiconductor Corporation (VIS) is a leading specialty IC foundry service provider. Since its inception in 1994 in Hsinchu Science Park, Taiwan, VIS has been achieving continuous success in its technology development and production efficiency improvement. VIS has also been consistently offering its customers cost- competitive solutions and high value-added services. VIS has five 8-inch fabs in Taiwan and Singapore with a monthly capacity of about 279,000 wafers in 2023.

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Emergency Response Centre - Associate Engineer	<ul style="list-style-type: none"> • Candidate must possess at least a Diploma in Engineering (Environmental / Health / Safety) or equivalent. • Advance certificate in Workplace Safety & Health Risk Management Level 2. • At least 1 year of working experience in the related field is required for this position. • Emergency Response Specialist Background: Firefighter, Hazmat Firefighting trained in Singapore, SIC / SMC trained, advance First Aider trained, Incident Implementation Management Process (IIMP). • Strong communication and organizational skills. 	<ul style="list-style-type: none"> • Assist FSM to execute Emergency Response Plan (ERP) and fire protection plans (In-place Protection Plan (IPP), Arson Prevention Plan (APP) and coordinate to organize evacuation drills and fire safety promotional activities and training. • Oversight of the Emergency Response Centre (ERC) team and standby Onsite in the premises during duties to respond to all emergency events, abnormal incidents and mitigating the risks on site. • Perform 6S and fire safety inspections of the plant and escalate any abnormalities and/or potential fire related risks to the management. • Coordinate with Facility department / section for inspection, maintenance and repair of emergency equipment, fire protection systems and fire alarm systems, etc. • Coordinate the Quarterly ERT drills with ERC team. • Tracking and renewal of statutory licenses and permits to support the operations. • Assist in carrying out environmental safety and health audits and defects' tracking of contractors, suppliers and licensed waste disposal companies. • Assist to issue / close all ER / CAR audit findings for ISO 14001, ISO 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<p>45001, SS 651 management systems.</p> <ul style="list-style-type: none"> • To attend to all emergency events and notification when abnormal conditions are reported and establish an investigation committee to investigate all incidents / accidents. • Participate in joint emergency response exercises with SCDF and/or with neighboring factories where applicable. • Plan, manage and maintain all ERT emergency response equipment in the plant. • Perform on-site safety inspections for hazardous operations and high-risk operations. • Perform hazardous gas monitoring, oversight of fire alarm, fire protection system and emergency equipment maintenance. • Planning and evaluation of the existing plant / new plant EMS (emergency response system). • Assist Risk & Emergency Preparedness and Risk Management Section to carry out assigned work. 	
Equipment Associate Engineer (Photolithography / Diffusion / Etch / Thin Film)	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Mechanical / Mechatronics / Microelectronics Engineering or equivalent. • Minimum 2 years' relevant work experience as equipment AE in one of the modules. • Able to adapt to fast-paced environments and work under pressure. • Proficient in MS office Application. 	<ul style="list-style-type: none"> • Execute schedule / preventive maintenance as per schedule and specifications. • Troubleshoot basic equipment related issues and minimize equipment downtime. • Assist engineer in installation and hook up of new or upgrading equipment. • Know how to use SPACE to monitor and analyze SPC Charts and how to use measurement instruments in data collection. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Equipment Automation Engineer	<ul style="list-style-type: none"> • Bachelor's or Master's in Electrical Engineering, Mechanical Engineering, Automation Engineering, or a related field. • Minimum of 3 - 5 years of experience in automation engineering, with a focus on semiconductor manufacturing. • Hands-on experience in automation system design, programming, and troubleshooting. • Technical Skills: Proficiency in programming languages (e.g., VB.NET, VB6 , C++, Java, or other automation-specific languages). • Familiarity with control systems, sensor technologies, and actuator systems in manufacturing environments. • Knowledge of semiconductor manufacturing processes and equipment. • Soft Skills: Excellent problem-solving skills and the ability to troubleshoot complex systems. • Strong communication and teamwork skills, with the ability to collaborate across departments. • Ability to lead projects and guide teams effectively in a high-pressure environment. • Certifications (optional): Relevant certifications in automation, control systems, or semiconductor manufacturing are a plus. 	<ul style="list-style-type: none"> • Lead the design and implementation of automation systems for semiconductor manufacturing equipment. • Develop and modify control systems, software, and hardware for automated processes. • Ensure automation systems integrate effectively with existing equipment and workflows. <p><u>Process Improvement & Optimization:</u></p> <ul style="list-style-type: none"> • Drive process improvements by identifying automation opportunities to increase production efficiency, reduce downtime, and enhance equipment performance. • Work with operations teams to optimize and streamline manufacturing processes through automation. <p><u>Troubleshooting & Support:</u></p> <ul style="list-style-type: none"> • Provide technical support to resolve complex automation and equipment issues. • Troubleshoot and debug automation systems to ensure smooth operations and minimal downtime. <p><u>Collaboration & Leadership:</u></p> <ul style="list-style-type: none"> • Collaborate with maintenance teams to resolve recurring issues and implement long-term solutions. • Mentor junior engineers and technicians, providing guidance on equipment automation techniques, tools, and methodologies. • Work closely with equipment engineering, production, and IT teams to align automation efforts with overall business objectives. • Lead or participate in cross-functional project teams to implement automation solutions. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		Data Analysis & Reporting: <ul style="list-style-type: none"> • Collect and analyze data from automation systems to identify trends and areas for improvement. • Create reports and presentations to communicate automation performance metrics to stakeholders. Continuous Learning & Innovation: <ul style="list-style-type: none"> • Stay updated on the latest automation technologies, tools, and trends within the semiconductor industry. • Participate in industry forums, conferences, and training programs to enhance professional knowledge. 	
Equipment Engineer (Photolithography / Diffusion / Etch / Thin Film)	<ul style="list-style-type: none"> • Degree in Electrical / Electronics / Chemistry / Chemical / Microelectronics Engineering or equivalent. • Minimum 2 years relevant work experience as equipment engineer in one of the modules. • Able to adapt to fast-paced environments and work under pressure. • Proficient in MS Office Applications. 	<ul style="list-style-type: none"> • To own, maintain and improve Quality, Uptime and Cost indices. • Sustain equipment KPI and make continuous improvements to enhance performance. • Improve the equipment performance through resolution of chronic and sporadic issues. • Plan and implement effective preventive maintenance program on equipment. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5
Integration Engineer	<ul style="list-style-type: none"> • Degree in Electrical / Electronics / Chemistry / Chemical / Microelectronics Engineering or equivalent. • Minimum 3 years relevant work experience technology development, product transfer or process integration role. • Strong interpersonal and communication skills to collaborate with departments and liaise with customers. 	<ul style="list-style-type: none"> • Participate in technology transfer projects to deliver KPIs right from the process setup, qualification, tape out, prototype to mass production phase. • Co-work with transfer and fab modules to deliver robust integrated process to enable a successful production volume ramp from development / pilot stage. • Work directly with customers to address needs, product performance in terms of WAT / Yield, conference calls and customer audits, etc. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
	<ul style="list-style-type: none"> • Able to adapt to fast-paced environments and work under pressure. • Proficient in MS Office Applications. 	<ul style="list-style-type: none"> • Own process FMEA, PCP for processes, SPC & CITs with modules. 	
Manufacturing Engineer	<ul style="list-style-type: none"> • Degree in Engineering or related discipline. • Minimum 2 years' relevant work experience in Manufacturing operations in semiconductors. • Strong leadership, interpersonal and communication skills. • Able to adapt to fast-paced environments and work under pressure. • Proficient in MS office Applications. 	<ul style="list-style-type: none"> • Lead, manage and train a team of Waferfab Operators and Technicians in daily operations to meet production targets. • Resolve and handle line related and preventive maintenance issues. • Present daily production indices in module meetings and highlight key priorities for Engineering team to focus. • Plan, allocate and deploy manpower effectively for optimum productivity. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5
MEMS-Modules Engineer	<ul style="list-style-type: none"> • Bachelor's degree in any Engineering discipline • At least 3 years' experience from Etch / Diffusion / Thin Film / Photo process engineer • Integration experience is a plus. • Capable of using DPE, 7 QC tools, FMEA, SPC, 3L5W, 8D. 	<ul style="list-style-type: none"> • Handling MEMS modules development related project independently. • Host regular PRS review meeting with project owners of TD integration and Fab module engineers. • Provide robust recipe to TD PI for new process developing. • Co work with fab module engineers to provide solutions for projects. • Provide risk assessments for new developing projects. • Continuous improvement. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5
Process Associate Engineer (Photolithography / Diffusion / Etch / Thin Film)	<ul style="list-style-type: none"> • Diploma in Electrical / Electronics / Chemistry / Chemical / Microelectronics Engineering or equivalent. • Minimum 2 years' relevant work experience as equipment AE in one of the modules. • Able to adapt to fast-paced environments and work under pressure. 	<ul style="list-style-type: none"> • Monitor all qualified processes using SPC and other statistical tools. • Analyze SPC charts using SPACE. • Set up and troubleshoot issues in recipes / job files in all metrology tools within the module. • Troubleshoot process related issues and assist Engineer in qualification and fine tune of new processes and new equipment for production. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
	<ul style="list-style-type: none"> • Proficient in MS Office Applications. 		
Process Engineer (Photolithography / Diffusion / Etch / Thin Film)	<ul style="list-style-type: none"> • Degree in Electrical / Electronics / Chemistry / Chemical / Microelectronics Engineering or equivalent. • Minimum 2 years relevant work experience as process engineer in one of the modules. • Able to adapt to fast-paced environments and work under pressure. • Proficient in MS Office Applications. 	<ul style="list-style-type: none"> • Monitor process performance indices on qualified processes and establish good controls to maintain process performance. • Analyze SPC Charts using SPACE and monitor critical SPC charts to ensure improvement. • Follow up on pass down to troubleshoot issues in receipes and processes. • Start up and qualify new process and new equipment within scheduled timeline. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5
Systems Engineer	<ul style="list-style-type: none"> • Bachelor's degree in Computer Science, Information Systems or related field preferred; equivalent work experience may be considered. • Proven track record managing both Windows / Linux server environments. • Experience with virtualization technologies like VMware / Hyper-V is highly desirable. • Knowledgeable about configuring / maintaining enterprise-level storage solutions (SAN / NAS). • Strong analytical / troubleshooting skills combined with excellent communication abilities. • Ability to document processes / procedures clearly and concisely. • Capacity planning expertise allowing for strategic infrastructure scaling based on organizational demands. 	<ul style="list-style-type: none"> • Install, configure, troubleshoot, and support servers running on Windows and Linux operating systems. • Perform routine system maintenance tasks such as patching software, updating firmware, and conducting hardware evaluations / upgrades. • Manage user access control by setting up accounts, permissions, and ensuring adherence to company policies regarding data security. • Oversee the administration of internal resources including Active Directory (for Windows) or LDAP (for Linux), file sharing services, and print servers. • Monitor network traffic / server utilization to identify potential issues before they become critical problems; implement performance tuning strategies when necessary. • Administer SAN / NAS environments including disk provisioning, LUN management, zoning, fiber channel networking etc.; ensure efficient operation with minimal downtime through proactive monitoring / maintenance practices. 	<ul style="list-style-type: none"> • 5-day work week • 1 Tampines Industrial Ave 5

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none">• Develop / implement backup recovery plans for critical data stored across various platforms.• Conduct regular audits / capacity analysis reports to plan for future growth needs while optimizing current resource usage.	

8. VDL Enabling Technologies Group

VDL Enabling Technologies Group (VDL ETG) is part of the Dutch VDL Groep. As a global development and manufacturing company, we cooperate with leading companies in the field of high-tech systems and modules. Thanks to our unique combination of technical knowledge and a high level of craftsmanship under one roof, we can always provide a solution, whatever the demand.

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
CAD-CAM Engineer	<ul style="list-style-type: none"> • Degree in Mechanical, Precision Engineering, or other relevant discipline. • Minimum 5 years of working experience in the precision machining industry. • Knowledge of interpretation of engineering drawing • Knowledge of designing tools (GD&T) • Experience with 3D CAD, 3D CAM and simulation software (e.g. NX, and Vericut) • Technical knowledge of cutting methodologies and cutting tools • Experience with tool database software, automation, and post-processor development is advantageous. • Problem Solving and Continuous Improvement. 	<ul style="list-style-type: none"> • Purpose: Responsible for reviewing customer supplied data and drawings; and the creation of manufacturing data, programs, tools, jigs and fixtures required for the manufacture of complex machined parts in the most efficient and safe machining process. • Key Area of Responsibilities: Review customer (internal / external) supplied data and drawings to ensure that supplied information aligns with project requirements and standards. • Create manufacturing data, programs, tools, jigs, and fixtures required for the manufacture of complex machined parts in the most efficient and safe machining process. • Perform machine simulation for all CNC programs to ensure error-free machining prior to release. • Create detailed and clear shop floor documentation such as machining setup sheets and tool list. • Handle workshop feedback and troubleshoot problems relating to CNC machining, programming, and cutting tools to ensure parts are produced according to customers' drawings specifications. • Manage revision control on the 3D model, drawing, program, tool list, and setup sheet documentation to ensure accurate records and allow all parties to follow the right revisions. • Drive continual improvement on existing CNC program. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Commodity Specialist	<ul style="list-style-type: none"> • Degree in Engineering / Logistics or other relevant qualification. • Minimum 3 years of experience in a commodity specialist / supply chain role in the manufacturing industry. • Ability to interpret technical document (i.e. schematic / drawings / BOM / specifications) to source for OEM parts (mechanical & electrical) • Work experience in machining, sheet metals or build to print parts (Cable assy, PCBA etc.) will be an added advantage • Certified Supply Chain Professional (CSCP) is preferred • Team player • Good problem-solving skills • Meticulous in details • Proficient in advanced Microsoft Excel functions • Good communication skills • Ability to analyze and make sense out of data from dashboard • Excellent people, presentation and communication skills 	<ul style="list-style-type: none"> • Purpose: Responsible for the company's end-to-end sourcing of products related to manufacturing Bill of Materials (BOMs). • In addition, the individual will be responsible for all phases of sourcing that require the skills necessary to identify cost-saving opportunities, lead-time reduction, supplier relationship management, create competitive environments, creatively negotiate, and generate contracts to assure the availability of all products to support the company objectives. • Key Area of Responsibilities: Source for materials, components, and service-related activities at the most competitive prices to fulfill business requirements. • Develop and implement commodity strategies to categorize and transform the supply base that will ultimately achieve the company goal & and business objectives. • Implement supplier agreements / contracts by working with cross-functional stakeholders and suppliers to enable tactical buying for the Material Management Team (MMT) and meet business goals. • Address outstanding Project Requirement Planning (PRP) and Change Control System (CCS) affecting the project to meet program/business requirements. • Manage supplier relationships to maintain and develop a win-win situation. • Support and participate in company continuous improvement program. • Prepare quotation to support customer budgetary request • Evaluate supplier core competencies and competitive positioning using industry cost models 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Costing Engineer	<ul style="list-style-type: none"> • Nitec / Diploma / Degree in Mechanical Engineering or relevant field. • Minimum 1 year of working experience in the Semiconductor or High precision equipment industry, with relevance to costing will be an advantage. • Knowledge of SolidWorks or other computer-aid design software. • Application of measuring equipment and techniques • Knowledge of geometric dimensioning and tolerancing 	<ul style="list-style-type: none"> • Purpose: Provide the fabrication steps & process time to calculate the cost of the part. • This includes assessing whether the design provided is machinable, the availability of machines or tools to support the requirements and proposing cost-efficient methods. • Key Areas of Responsibility: Provide machining process steps for quote submission to determine process cost calculation. • Review the part drawings & specifications provided and consider the critical dimensions or process. • Identify machining issues and provide Design for Manufacturing (DFM) slides to highlight issues; present an alternative proposal when possible. • Generate a drawing / list of the requirements before sending the Request for Quote (RFQ) to suppliers. • Inform suppliers of requirements & stipulate a cost breakdown list. Ensure that suppliers meet the specified timeline. • Provide Part Cost estimation for Outsource Build to Print (BTP) parts for the Commodity team to use as a price reference. • Mentor new hires on operations and part calculation processes to ensure they receive the information and guidance needed to perform their jobs effectively. • Support and participate in company continuous improvement program. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Engineer, System Support	<ul style="list-style-type: none"> • Degree in Computer Science / Electrical and Electronic Engineering or other relevant field. • Minimum 3 years of working as a system support engineer in the semiconductor industry or other similar roles. • Proficient in Microsoft Excel functions • Good communication skills 	<ul style="list-style-type: none"> • Purpose: To manage and provide technical support of IT systems and networks, to ensure uninterrupted and secured business operation, and compliance with VDL / ETG standards and roadmap. • Key Area of Responsibilities: Maintain and update all information technology (IT) systems, devices and peripherals within the company to ensure stable and reliable performance. • Maintain and update the company's network infrastructure and adhere to the parameters & static address tables according to the One-ETG standard. • Trouble-shoot and resolve all IT-related technical issues and prevent re-occurrences. • Ensure security and proper access control of all IT systems, networks and data, so that they are free from malware, spyware, hacking, illegal software and unauthorized access. • Create regular backups of all relevant company data and store it safely, to ensure Business Continuity, in case of systems and/or network outage. • Research and benchmark new developments in the IT industry and propose improvements to business processes to save costs and drive for better efficiency and productivity. • Source, communicate and manage external parties or service providers that provide service support and maintenance to operational IT matters. • Support and participate in company continuous improvement program. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Equipment Assembly Specialist (1-Year Contract Renewable)	<ul style="list-style-type: none"> • Nitec / Higher Nitec / Diploma in Mechanical Engineering / Electrical Engineering / Mechatronic Engineering or equivalent course • Fresh graduates are welcome • Preferably with Workplace safety & health in Metal work certification • Knowledge on assembly drawing. 	<ul style="list-style-type: none"> • Purpose: The role will be to be responsible for performing equipment assembly according to assembly drawings that meet customers' requirements and specifications. • Key Area of Responsibilities: • Perform basic & advanced machine electrical wiring works. • Assemble electrical or electronic systems or support structures and install components, units, subassemblies, wiring, or assembly. • Perform assembly per assembly drawing, Bill of Material, Electrical and Pneumatic control diagram. • Perform alignment, test, process inspection, integration, and product release procedures. • Inspect wiring installations, assemblies, and circuits. • Perform reporting in shop floor control system • To ensure quality, efficiency, and delivery performance. • Perform periodical calibration and maintenance for assembly tools. • Handling quality and shipment documents. • Participate in programs for improvement. • Practice work safety and good 5S housekeeping. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim
Manufacturing Engineer (System Integration)	<ul style="list-style-type: none"> • Bachelor in Engineering (Mechanical, Mechatronics, Electrical, Precision or Industrial Engineering) • At least 3 years of experience as an engineer in the manufacturing assembly environment. • Lean Six Sigma Green or Black belt is preferred. • Strategic, creative, and systemic thinking 	<ul style="list-style-type: none"> • Purpose: Responsible for the complete end-to-end planning, direction, and coordination of all the manufacturing processes related to system integration for a specific project. • Together with the program team, the Manufacturing Engineer is to ensure that assembly can meet costs, quality, and delivery requirements. • Key Area of Responsibilities: Design of production layout to enable production to fulfill build plan forecast or pre-defined production run rate. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
	<ul style="list-style-type: none"> • Excellent leadership and effective communicator with all levels of associates and management. 	<ul style="list-style-type: none"> • Define requirements for assembly tools and equipment to support product realization and build plan. • Participate actively in PQP to ensure that risks are identified, and preventive actions defined and implemented. • Implement a certification program for assembly to ensure that assembly module leads are trained and certified to carry out specific assembly tasks. • Collaborate with the Process Engineer in the design of the assembly Kit Kart for issue of materials into the clean room and effective handling of materials inside the production area. • Lead in resolving technical problems faced by Assembly and resolve internal and customer quality complaints. • Monitor assembly capacity of the program, and perform ramp assessment when required, to fulfill build plan system delivery. • Contribute to the system build progress meetings together with the program team to meet on-time delivery targets. • Evaluate assembly efficiency and implement improvements to achieve the calculated standard time. • Monitor all customer's consigned equipment to ensure all are inventoried, calibrated, and maintained regularly. • Identify and implement improvements to shorten production cycle time, improve overall production efficiency, improve quality performance, enhance safety or boost sustainability. • Support and participate in company continuous improvement program. 	

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Mechanical Architect	<ul style="list-style-type: none"> • Master's Degree or PhD in Mechanical or Mechatronic Engineering, preferably with a focus on construction / precision mechanics. • At least 10 years of relevant working experience (semicon, precision mechanics, or similar). • Extensive knowledge of mechanic design principles, accurate positioning, dynamic behavior, material properties, strength and stiffness. • Deep understanding and experience in the different design phases ranging from conceptual design up to Proto- and Pilot evaluation. • Experienced in multidisciplinary projects, knowing dependency between electrical, electromechanical and mechanical (sub)systems in both the static and dynamic domain. • User of 3D design tools (e.g. NX or SolidWorks). • User of product lifecycle management systems (e.g. TeamCenter or EPDM). 	<ul style="list-style-type: none"> • As a Mechanical Architect you will be the driving force for the development of high-tech, highly complex systems for professional mechatronic equipment, and enable optimal functionality and cost-effective engineering of those systems. • Starting during the pre-concept phase, you act as a counterpart for the Project Manager within T&D for scoping the project and challenging our customer. • While going through the different design phases, you will be the driving force who challenges the feasibility and cost-effectiveness of the proposed design solutions, bringing together the multidisciplinary team on a technical level while acting as a technical counterpart on system level with our customers. <p><u>Your responsibilities include:</u></p> <ul style="list-style-type: none"> • Quotation Phase: create a plan with scope, cost and lead time estimation together with the project team and the customer. • Feasibility phase: consolidate customer requirement specifications into an investigation of the feasibility of (mechanical) concepts. • Definition Phase: develop Description of System Design Requirements and Specifications and discuss them with internal / external stakeholders. • System Design Phase: generation of system design concepts and reviews: • Develop well-considered choices, validated against system requirements • Definition of high-level modules and related technical interfaces • Monitor that projects stay within agreed specifications. • Make use of your creativity and helicopter view to find solutions in case of conflicts 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> • Detail Phase: supervise the creation of 3-D models and drawings, ensuring (sub)module interfaces meet their respective requirements. • System integration and verification: verify design / the chosen concept on the requirements by means of functional models or (pre-)proto production. • Production release: release the design for production. 	
Order Administrator	<ul style="list-style-type: none"> • Diploma in Mechanical / Electrical / Electronic Engineering or other relevant discipline. • Minimum 3 years of relevant experience in a high-mix, low-volume environment or semiconductor industry. • Positive attitude and independent with high ownership of responsibilities. • Knowledge of Baan ERP & Microsoft Excel and Word. • Fresh graduates are welcome 	<ul style="list-style-type: none"> • Purpose: Responsible for daily management of customer orders and fulfillment from Purchase Orders to Receiving to shipment. Ensure sales orders are properly launched in Baan, maintained, and closed. • Key Areas of Responsibilities: Communicate and align with Account Manager (AM) / Program Manager (PM) on the Purchase Order (PO) received & program delivery schedule to confirm order before triggering Product Realization Flow (PRF) Eflow. • Provide feedback to AM/PM if there are changes for the next course of action. • Assist the finance team with invoice disputes or any issues related to Sales Orders (S/O) such as GST code and credit notes. • Maintain a proper and systematic filing system for Customer PO, PRF forms. • Act as the focal person to acknowledge and process new / revised PO from customers. • Highlight discrepancies found in PO to Account Manager and execute the next step of action as advised. • Initiate repair RMA# requests and support customer OOR and Baan match-up. • Access and download the Open Order Report (OOR) from the portal to compare with Baan Commit Delivery Date to check for differences. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> • Perform general administration in Order Management. • Support and participate in the company's continuous improvement program. 	
Process Engineer (Parts Making & Fabrication)	<ul style="list-style-type: none"> • Degree in Mechanical, Precision Engineering, or other relevant discipline. • Minimum 3 years of working experience in the precision machining industry. • Strong knowledge of manufacturing processes • Knowledge of interpretation of engineering drawing • Knowledge of designing tools (GD&T) • Problem Solving and Continuous Improvement 	<ul style="list-style-type: none"> • Purpose: Responsible for establishing process steps to produce in-house-made parts and meet customer expectations concerning quality, lead time, cost, and technological needs. • Process Engineer drives improvements in process methods to enhance performance and output. • Key Area of Responsibilities: Establish process steps to produce in-house-made parts and meet customer expectations in terms of quality, lead time, cost, and technological needs, without compromising health and safety. • Create process routing (work instructions) & BOM in BaaN and prepare an Inspection Method Sheet (IMS) / checklist. • Read and interpret 2D drawing, 3D models and customer specifications on drawing. • Ensure process routing is ready for both the first article and volume production. • Perform sustaining engineering work (documentation of the process, optimization of resources, support production team, resolving technical / quality issues). • Monitor process performance (quality, cost, lead time) and yield using tools (e.g.: SPC). • Monitor First Article (FA) progress and resolve technical issues in a timely manner to ensure smooth production flow from FA to volume production. • Drive improvements to process methods to enhance performance and output. • Take accountability in leading special projects and processes, treating it like 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		a specialist in the identified process assigned by a superior.	
Process Engineer (System Integration)	<ul style="list-style-type: none"> • Diploma / Degree in Mechanical / Mechatronics / Electrical or Precision Engineering or other relevant discipline. • Minimum 3 years of experience as a process engineer in the Contract Manufacturing industry or equivalent. • Mechanical and electrical workmanship • Experience in working in cleanroom will be an advantage • Good problem-solving skills • Proficient in Microsoft Excel functions • Good communication skills 	<ul style="list-style-type: none"> • Purpose: Strategic planning and develop cost effective & low risk manufacturing / assembly process steps / planning from raw material to completion including special processes through Product Quality Plan (PQP). • Key Area of Responsibilities: Transfer of Project, Technology, System from customer to VDL for New product development. • Feasibility study for New Assembly. • Identify the facilities / supplies required for the assembly. • Define and establish Project Plan for Assembly to meet on time delivery • Resolve technical issues in assembly to ensure smooth production. • Manage technical changes to fulfill customer requirement • Implement improvements to processes for cost effectiveness. • Support and participate in company continuous improvement program. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim
Product Data Control (PDC) Engineer	<ul style="list-style-type: none"> • Diploma / Degree in Mechanical Engineering / Science or relevant field. • Minimum 2 years of working as a product data engineer in the semiconductor industry or similar position. • Proficient in Microsoft Excel functions • Good communication skills 	<ul style="list-style-type: none"> • Purpose: To create, control and manage changes to customer's Technical Product Data (TPD) packages (Items, Bill of Materials, Product specification documents) in the Product Lifecycle Management (PLM) and Enterprise Resource Planning (ERP) systems. • To deploy TPD changes to the relevant Persons-in-Charge (PICs) for execution. • Key Area of Responsibilities: Check the correctness and completeness of product packages, such as Technical Product Data (TPD) and Bill of Materials (BOM) received from customers. • Work with the user of TPDs to define the new TPD requirement and update 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<p>the ISO document (for new customers or any change in TPD requirement).</p> <ul style="list-style-type: none"> • Maintain required customer items, BOM, and TPDs in PLM and ERP systems. • Create and control the item part number, BOM and TPD in the PLM and ERP systems. • Create projects in the ERP system for the fulfillment of customer Sales orders. • Implement Engineering Change Order (ECOs) and deploy the changes to the next inline PIC (such as planner, purchaser, process engineer and Sales & Program dept.) • Check and ensure all required information for the TPD (items, BOMs, documents) and/or configuration change are provided, and approved by the customer. • Support and participate in company continuous improvement program. 	
Production Controller (System) [1 year contract - renewable]	<ul style="list-style-type: none"> • Degree / Diploma in Engineering / Supply Chain / Logistics Management or other relevant discipline. • Minimum 2 year of experience as controller in manufacturing industry or equivalent. • Good problem-solving skills • Proficient in Advance Microsoft Excel functions • Good communication skills 	<ul style="list-style-type: none"> • Purpose: Responsible for monitoring and driving material needs for Systems Integration Department (SID). • Mitigate any risk to deliveries and provide timely escalations to the Sales & Program Team to deploy and coordinate resources to meet committed delivery (based on project monitoring). • Key Area of Responsibilities: Activate Project (Build Plan / Non-Build Plan) to start all relevant transactions to order the required materials for a customer order across different stakeholders ranging from Sales, Operations to Supply Chain. • Plan overall materials and Assembly operations to meet PCDs in Baan are key to identifying bottlenecks thereby mitigating the risk to missed committed dates for order completion. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> • Monitor and mitigate economic stock to reduce overall project economic stock for reallocation for future orders or claiming liability from customers. • Execute Project Closing once Sales Orders (S/O) have been maintained for Finance to begin accounting process. • Facilitate Return Material Authorization (RMA) orders from customer to address warranty claims or refurbished orders. • Release production orders in Baan to ensure on time completion of orders based on the planned start date in system. • Support and participate in company continuous improvement program to advise on areas for improvements within the scope of Plan to Deliver. 	
Production Controller Administrator [1 year contract - renewable]	<ul style="list-style-type: none"> • Diploma in Engineering / Supply Chain / Logistics Management or other relevant discipline. • Minimum 1 - 2 year of experience of planning / administrative role in manufacturing industry or equivalent. • Good problem-solving skills • Proficient in Advance Microsoft Excel functions • Good communication skills 	<ul style="list-style-type: none"> • Purpose: Responsible for overseeing assembly processes, analyzing data, and maintaining inventory. • You will play a crucial role in optimizing productivity and reducing costs in complex manufacturing industries by assisting the Lead Production Controller in tasks related to internal processes and systems. • Key Area of Responsibilities: Activate Project (Build Plan / Non-Build Plan) to start all relevant transactions to order the required materials for a customer order across different stakeholders ranging from Sales, Operations to Supply Chain. • Plan overall materials and Assembly operations to meet PCDs in Baan are key to identifying bottlenecks thereby mitigating the risk to miss committed dates for order completion. • Monitor and mitigate economic stock to reduce overall project economic stock for reallocation for future orders or claiming liability from customers. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> Facilitate Return Material Authorization (RMA) orders from customer to address warranty claims or refurbished orders. Facilitate Project Closing operations upon completion of deliveries to customer. Support and participate in company continuous improvement program to advice on areas for improvements within the scope of Plan to Deliver. 	
Production Engineer	<ul style="list-style-type: none"> Bachelors in Engineering (Mechanical, Mechatronics, Electrical, Precision or Industrial Engineering). At least 3 years of experience as an engineer in the manufacturing assembly environment. Good communication skills to perform mentoring and coaching to production staff. Good knowledge in problem-solving methodology. Ensure the safety standards and process safety management is duly followed." 	<ul style="list-style-type: none"> Purpose: Responsible for supervising staff, ensuring health and safety regulations at work are followed, making sure adequate training has been provided to the workers in the usage of equipment, and identifying deficiencies to be improved in production. Key Area of Responsibilities: Supervising the man and assembly process, ensuring quality work is done safely and efficiently. Organize and motivate the mini companies to perform daily production activities. Draw up training, and job rotation plans to develop manpower to be more flexible and competent and stimulate continuous productivity improvement. Liaising with other Engineers to develop plans that improve productivity, in terms of costs and manpower required. Support engineering / manufacturing teams, draw up safety protocols, report issues to the manager, and develop strategies to improve efficiency and profit. Take part in quality meetings with QA and process, conduct production CAB meetings, and ensure corrective actions are carried out. Conduct daily supervisor and production meetings to achieve delivery reliability. 	<ul style="list-style-type: none"> 5-day work week 44-hours per week 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> • Record and report on the department's activities and production results regularly in each productivity review meeting. • Manage consumables and non-capitalized equipment spending. • Maintain and ensure 5S housekeeping on the shop floor. 	
Program Manager	<ul style="list-style-type: none"> • Degree in Engineering or other relevant qualification. • Minimum 2 years of experience holding a senior manager appointment in the manufacturing industry. • Professional Management Professional (PMP) certification is required • Good problem-solving skills • Meticulous in details • Proficient in advanced Microsoft Excel functions • Good communication skills 	<ul style="list-style-type: none"> • Purpose: To be the first point of contact for both customer and factory on technical and operational issues. • Responsible to lead the program team to resolve issues and constraints that will impact delivery schedule. • Key Area of Responsibilities: Communicate and align with customer and factory on the program delivery schedule. • Ensure closure for quality-related issue with factory and customer. • Review Engineering Change Order (ECO) changes and update the associate BOM to the latest revision. • Lead the program team to address order material shortages so that Production build can be on schedule. • Arrange shipment for Open Orders to meet customer needs. • Communicate End of Life (EOL) items to customer to finalize its replacement. • Support and participate in company continuous improvement program. 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
Quality Assurance Engineer (System Integration)	<ul style="list-style-type: none"> • Bachelor in Engineering (Mechanical, Electrical, Electronics, Chemical) or Material Science. • 5 years of experience in Quality Assurance function, at least 3 years as a quality leader with supervisory experience in the manufacturing environment. • Strong knowledge and practice in 8D, SPC, MSA, FMEA, QFD, 6-sigma methodology, PPAP, change management. • Good understanding of First Article Inspection requirements and expectations • Strong in statistical knowledge and 6-sigma methodology. • Certified Black Belt or Green Belt preferred. • Strategic, creative and systemic thinking • Excellent leadership and effective communicator with all levels of associates and management. 	<ul style="list-style-type: none"> • Ensuring that the manufacturing and engineering processes adhere to quality standards and regulations. • To monitor and control the production process, ensuring that any defects or deviations are detected and corrected early. • To inspect the finished product to ensure it meets all quality specifications and standards. • Key Area of Responsibilities: Responsible for manufacturing quality assurance including in-process quality, semi-finished product quality, and outgoing product quality. • Lead a team of inspectors and supervisors to ensure incoming materials met internal and customer specifications and requirements. • Drive incoming quality assurance process improvement in efficiency and effectiveness • Owner of Non-Conformities and Error Management Systems. • Collaborate with Headquarters for any system upgrade or changes • Responsible for non-conforming materials disposition and Material Review Board (MRB) / Corrective Action Board (CAB) and drive robust corrective and preventive actions • Drive robust manufacturing system and process quality to meet internal and customer requirements and expectations • Perform analysis on non-conforming quality incidents and internal errors and provide recommendations to meet internal and customer requirements and expectations • Support Customer Quality to investigate customer product complaints • Be responsible for manufacturing quality KPIs and reporting to senior management 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
		<ul style="list-style-type: none"> • Lead a team of engineers to drive NPI and First Article quality requirements and system • Provide leadership and consulting advice in quality matters • Plan and lead manufacturing process audit to drive root cause analysis for outgoing inspection lapses. • Lead, train, develop, and coach Quality team members. Manage performance evaluation and strengthen the organization. 	
Supplier Quality & Development Manager	<ul style="list-style-type: none"> • Degree in Mechanical, Mechatronics or Engineering and other relevant discipline • At least 5 years of experience as Supplier Quality & Development Manager in metal fabrication, (related to metal works including assembly, sub-assembly, structural, jigs & fixtures) or precision machining industry • QMS Lead Auditor / Auditor trained and certified • Experience in procurement and supplier development activities • Knowledge of ISO 9001 / 14000 requirements, application of various QC, analytical, and troubleshooting tools, and application of various measuring, and inspection equipment • Ability to communicate with all levels and maintain relations with internal stakeholders, suppliers, customers and management. 	<ul style="list-style-type: none"> • Purpose: To lead in overall Supplier Quality Management including qualifying of potential suppliers, enhance supplier's quality, logistics, technology, cost and service (QLTCS) performance. • Strategic development of existing and new suppliers to meet customers' and company's needs. • The plan shall include semiconductor and analytical industry requirements as part of overall supplier development program. • Key Area of Responsibilities: Lead a team of Supplier Quality Manager / Engineer, Supplier Quality Engineers to manage suppliers and support the internal team as well as customers. • Including deployment of customer-specific technical requirements, mTPD process management, Technical Qualifications, FAIR, 8D, CAPA, Process validation audits • To develop low-cost suppliers to meet customers' and company's needs • To develop alternative suppliers in the Mix Low Volume market to support localization and continuous cost reduction needs program • Develop suppliers' technical capabilities, PQP & build-in quality process • Supply chain ramp, capacity, and resource plan 	<ul style="list-style-type: none"> • 5-day work week • 44-hours per week • 259 Jalan Ahmad Ibrahim

Job Positions	Pre-requisites	Key Responsibilities	Working hours/ Location
	<ul style="list-style-type: none"> • Ability to work in a dynamic environment and quickly adapt to changes • Independent, strong sense of responsibility and a team player 	<ul style="list-style-type: none"> • Work with strategic and preferred suppliers through regular scorecard sessions to improve QLTCS. • Drive continuous improvement programs • Manage Sustainability Requirements in the supply base • Continuous automation and improvement of supplier interface for better efficiency, communication, and control (Supplier Satisfaction) • Supplier Training portal where customer-specific requirements can be deployed. • Quality Tools can be communicated – 8D/CAPA, FAIR, PQP (CTQ, Process Flow, PFMEA, Control Plan, MSA, SPC) 	

9. VisionPower Semiconductor Manufacturing

VisionPower Semiconductor Manufacturing Company Pte Ltd (VSMC) is a new joint-venture 300mm semiconductor wafer manufacturing facility to be built in Singapore. We are looking for committed, resilient and passionate talents to launch a promising future that powers the next generation devices and systems. If you share the same passion to pursue excellence, join us to make an impact and be part of something special!

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
Electrical Engineer	<ul style="list-style-type: none"> • Bachelor's degree in Electrical Engineering or related field • 300mm fab facility electrical system operating experience, especially 22~66 kV / GIS / Main Transformer & Emergency Generator Systems. 	<ul style="list-style-type: none"> • Take charge of facility MEP package concept design and RFP Preparation for 300mm semi-conductor Fabrication plant. • Supervise and monitor EPC contractors or design consultants' design progress. • On-site management MEP package construction schedule and commissioning. • Evaluate electrical products and systems by designing testing methods • Test finished products and system capabilities • Keep necessary equipment operational • Contribute to team efforts by accomplishing related results 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm • 1 Tampines Industrial Avenue 5
Equipment Engineer (Etch, Photo, Thin Film, Diffusion)	<ul style="list-style-type: none"> • A bachelor's degree or higher in Electrical and Electronics Engineering, Chemical Engineering, Materials Science, Physics, or a related STEM field 	<ul style="list-style-type: none"> • You will be responsible and focus on improving tool performance and availability, in charge if maintenance, diagnosing failures and implementing effective solutions to meet uptime and cycle time requirements in the respective modules: Etch (Dry Etch and Wet Etch); Photolithography; Diffusion; Chemical Mechanical Planarization (CMP); Chemical Vapor Deposition (CVD); or Physical Vapor Deposition. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm • 1 Tampines Industrial Avenue 5
Intelligent Manufacturing Center Engineer	<ul style="list-style-type: none"> • Bachelor's or higher degree in Computer Science, Electrical, Mechanical, or Industrial Engineering • Strong understanding of semiconductor technology is preferable. 	<ul style="list-style-type: none"> • Your role is to optimize manufacturing efficiency and productivity through innovative applications, breakthrough analysis, and strategic planning to enhance production processes and meet customer demands. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm • 1 Tampines Industrial Avenue 5

Job Positions	Requirements	Key Responsibilities	Working hours/ Location
	<ul style="list-style-type: none"> • Knowledge of CIM, Full Automation, and Quality Management. 		
Information Technology Operations Support Engineer	<ul style="list-style-type: none"> • Bachelor's or higher degree in Computer Science, Electrical , Mechanical, or Industrial Engineering. 	<ul style="list-style-type: none"> • You will be responsible for developing CIM system solutions, leading full-automation implementations, defining operational processes, and spearheading automation in 12" fab operations and wafer manufacturing processes. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm • 1 Tampines Industrial Avenue 5
Process Engineer (Etch, Photo, Thin Film, Diffusion)	<ul style="list-style-type: none"> • Bachelor's or higher degree in Electrical and Electronics Engineering, Chemical Engineering, Material Science, Physics or STEM related fields 	<ul style="list-style-type: none"> • You will be responsible to deliver robust and efficient semiconductor manufacturing process with data driven analytics and systemic problem-solving skills in the respective modules: Etch (Dry Etch and Wet Etch); Photolithography; Diffusion; Chemical Mechanical Planarization (CMP); Chemical Vapor Deposition (CVD) or Physical Vapor Deposition (PVD) 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm • 1 Tampines Industrial Avenue 5
Process Integration Engineer	<ul style="list-style-type: none"> • Materials Science / Electrical Engineering / Chemical Engineering / Mechanical Engineering / Physics / Chemistry or a related engineer discipline 	<ul style="list-style-type: none"> • Failure analysis and yield improvement of new products and mass-produced products • Maintenance of daily operations and resolution of issues • Monitoring and management of production process parameters, analysis of product abnormalities, and maintenance and improvement of SPC (Statistical Process Control) • Strong communication skills and ability to work within cross-functional teams, including internal and external partners 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm • 1 Tampines Industrial Avenue 5

Back-End Referral (company below is not present in event)

Do send in your resumes to epme@e2i.com.sg, & indicate the company and position you would like to apply for.

MEDs Technologies

MEDs Technologies is a knowledge-based solutions provider specializing in RF and Power Electronics. Established in 1996, our pursuit of excellence and thought leadership in RF Engineering drives our partnerships with some of the world's most innovative companies.

Job Positions	Pre-requisites	Key Responsibilities	Working hours / Location
Customer Service Executive	<ul style="list-style-type: none"> • Preferably Diploma in Logistics / Supply Chain, Engineering and Commerce. 	<ul style="list-style-type: none"> • Manage the end-to-end order process, ensuring accurate and timely order entry, shipment coordination, delivery, and returns. • Act as the primary point of contact for customers and stakeholders, addressing and resolving orders, planning, and logistics issues to maintain customer satisfaction. • Collaborate with transporters, the warehouse, and customers to coordinate shipments and delivery schedules, ensuring effective communication and resolution of challenges. • Liaise with vendors to track orders, address issues, and monitor performance to ensure timely delivery and service standards. • Take on additional responsibilities to support customer service excellence and overall operational efficiency. 	<ul style="list-style-type: none"> • 5-day work week • 9am - 6pm • 5012 Ang Mo Kio Avenue 5
Microelectronic Assembly Engineer	<ul style="list-style-type: none"> • Master / Degree / Diploma in Electronic / Mechatronic or any other engineering equivalent • 5 - 7 years of related microelectronics assembly experience. • Preferably in an engineering manufacturing environment where all processes were utilized. • Significant work utilizing a microscope. • Good knowledge in microelectronics assembly workflow 	<ul style="list-style-type: none"> • The role requires the candidate to design and implements die attach and wire bond processes for New Product Introduction (NPI) solution for microwave/mmwave IC packaging for high frequency applications. The candidate will review and enhance existing packaging processes to improve yield and productivity. He/she shall work with internal resources and packaging suppliers to achieve functional packaging goals. • Be the subject matter expert of MEDs microelectronic assembly team and advise Design Engineering early in new product development to ensure designs are manufacturable. 	<ul style="list-style-type: none"> • 5-day work week • 9am - 6pm • 5012 Ang Mo Kio Avenue 5

Job Positions	Pre-requisites	Key Responsibilities	Working hours / Location
	<ul style="list-style-type: none"> • Knowledge and understanding of packaging design validation standards (ISO, ASTM, etc.), drafting and specification standards is essential • Familiar with industrial electronic standards such as JEDEC a plus • Knowledge and capacity to operate various microelectronics assembly equipment such as epoxy die-attach, eutectic solder attach, wire-bonding, pull / shear testing, leak testing etc. • Ability to analyze and interpret technical drawings, assembly drawings and work instructions. • Make recommendations for changes to improve build processes. • Proficient in assembly jig designs • Familiar with industrial or consumer packaging trends. • Demonstrate proficiency in 2D / 3D mechanical CAD software preferred • English spoken & written • Strong organizational & presentation skills • Self-motivation • Independent • Resourceful • Good problem-solving skills • Good communication skills • Close attention to details • Distinguish and identify colors • Maintain steady hand-eye coordination • Use of small hand tools (wrenches, torque wrenches, screwdrivers) and working under a microscope is required to support microelectronic assemblies • Work professionally and effectively in a team-oriented environment. Work with little supervision. 	<ul style="list-style-type: none"> • Operate and supervise, including setup, die attachment and wire bonding equipment for all microelectronics assembly processes. • Responsible for developing, design, and testing standards and guidelines for developing microelectronics packaging solutions for MEDs customer products in aerospace and defense applications. • Responsible for defining, developing and qualifying new packages such as lead frame / substrate layout, bonding diagram, package outline drawing. • Develop assembly processes and establish process documentation that are stable, repeatable, and reliably meet design requirements. • Take a leading role in the building of prototypes, first articles, and pre-production assemblies. • Support customer products throughout their life cycle, developing and implementing changes as needed. • Consistently complete quality work in a timely manner meeting established deadlines. • Work with hybrid technology including RF ICs, capacitors, inductors, substrates, and other micro components. • Analyze and work to both prototype and released assembly drawings and process documents. • To ensure products are manufactured in accordance with MEDs quality standards. • Train new personnel on all microelectronics assembly processes as required. 	

Job Positions	Pre-requisites	Key Responsibilities	Working hours / Location
	<ul style="list-style-type: none"> Communicate effectively with customers and team members. 		
Procurement Executive	<ul style="list-style-type: none"> Diploma or Degree in Business Management, Engineering, or Supply Chain Management 	<ul style="list-style-type: none"> Responsible for sourcing, negotiating, and purchasing materials, spare parts, tools, and equipment from local and overseas vendors, ensuring quotations meet technical and commercial requirements. Process RFQs, POs, track orders, and address material quality issues with suppliers to meet timelines. Build strong relationships with vendors and suppliers. Drive pricing negotiations and explore cost reduction opportunities. Analyze and suggest improvements to processes. Coordinate inbound shipments, inventory control, and maintain proper documentation. Continuously enhance the company's purchasing policy. May assist with inside sales and perform other ad-hoc duties as needed to support operational efficiency. 	<ul style="list-style-type: none"> 5-day work week 9am - 6pm 5012 Ang Mo Kio Avenue 5

Soitec Microelectronic Singapore

Soitec plays a key role in the microelectronics industry. It designs and manufactures innovative semiconductor materials. These substrates are then patterned and cut into chips to make circuits for electronic components. Soitec offers unique and competitive solutions for miniaturizing chips, improving their performance and reducing their energy usage.

Job Positions	Pre-requisites	Key Responsibilities	Working hours / Location
Metrology Backend Process Technical Specialist	<ul style="list-style-type: none"> • Understanding of SPC and its applications in semiconductor equipment and processes. • Direct experience in metrology (Defectivity / Thickness / Geometry), Sorting and packaging, and Characterization lab are plus points. • Excellent verbal and written communication, good PC skills, presentation skills and strong data collection and analysis skills. • Willing to work any shift and that you are a behavioral example by being a proactive problem solver, communicating openly, and taking responsibility. • Possess good teamwork, multi-tasking capabilities and project leading skills. • Self-motivated • Ability to troubleshoot problems and address root causes <p>Team oriented with a strong focus on effective team dynamics</p>	<ul style="list-style-type: none"> • Monitor, analyze and make decisions on how to address MTBE (Metrology and Backend) tools that are out of control for established SPC rules for both process and defect related issues. • Use SOP to dispose of products that were out of control for established SPC rules for both process and defect related issues. • Perform daily compilation of presentation materials on daily process and tools issues and present in Pasdown meeting • Carry out and complete process engineering tasks assigned by process engineers which directly contributed to process improvement and flexibility improvement. • Required to perform basic metrology tool tuning. • May be required to perform equipment recipe creation. • Take the initiative to assume added responsibilities. 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm (Monday to Friday) • 81 Pasir Ris Industrial Drive 1
Quality Process Senior Technical Specialist	<ul style="list-style-type: none"> • Diploma – Minimum 2 years of relevant experience in a manufacturing environment • Higher NITEC – Minimum 3 years relevant experience • NITEC – Minimum 6 years relevant experience • Knowledge in Quality tools and methods (SPC / MSA / FMEA, Problem-Solving & Audit skills) is an advantage • Knowledge in statistical tools (e.g. JMP, Klarity, etc.) is an added advantage • Knowledge and skills in lab (SEM/EDX, etc.) is an added advantage • Knowledge of semiconductor products & manufacturing processes 	<ul style="list-style-type: none"> • Carry out activities to address & resolve Non-Quality Events (NQE) • Monitors & carry out activities to resolve NQEs at various product / production lines • Monitors & records NQEs from the production line • Reviews, analyses & validates NQE contents • Executes immediate containment actions for NQE e.g., hold lot in Manufacturing Execution System (MES), etc. • Prepares and consolidates quality issue review topics (to share on the progress of follow ups on NQEs / MRBs) prior to daily meeting with Yield Dept • Prepares information package required for MRB (e.g. event chronology, preliminary 	<ul style="list-style-type: none"> • 5-day work week • 8.30am to 6pm (Sunday to Thursday) • 81 Pasir Ris Industrial Drive 1

Job Positions	Pre-requisites	Key Responsibilities	Working hours / Location
	<p><u>Personal capabilities:</u></p> <ul style="list-style-type: none"> • Meticulous and with a sense of initiative, responsibility & urgency • Team player with positive attitude and willingness to learn Others: Able to work on normal swing shift (Sunday - Thursday), 8.30am to 6pm 	<p>investigation and analysis results, etc.); Facilitates MRB meetings</p> <ul style="list-style-type: none"> • Records, follow ups and reports Quality Engineering activities (e.g. NQE, MRB, etc.) on Quality Activities Tracker • Issues & drives 8Ds for NQE issues • Monitor product through Quality Gate • Applies Quality Gate (QG) • Monitors & records QGs results from the production line • Performs lab analysis (e.g., SEM / EDX) on QG failed parts • Participates in task forces (defect analysis, risk assessments) • Following the detection of QG failed lots, proposes short-term actions to ensure integrity of the quality of products and / or processes (i.e., equipment shutdown, etc.) • Data Analysis: Pulls, plots capability & trend and analyses data from JMP & Klarity • Reports: Updates & presents various Quality Engineering reports & KPIs • Others: Performs audits and other tasks as may be assigned 	

Events:

For the latest updates and registration for events, search 'e2i Calendar'

OR visit: <https://www.e2i.com.sg/events/>

NTUC Job Security Council's Telegram Channels:

Be alerted daily on the latest job vacancies from hiring companies.

Subscribe to PMET Job-Alerts

(e.g. Analysts, Engineers, Executives,
Technicians, etc.)

<http://bit.ly/jsc-ja-pmet>



Subscribe to Non-PMET Job-Alerts

(e.g. Temporary, Part-Time, Operators, Packers,
etc.)

<http://bit.ly/jsc-ja-nonpmet>

