모집분야 및 세부업무

구 분	채 용 분 야
Package / Process Technology	· 3D Package, Flip Chip/Wafer Level Package (WLP/TSV etc.) · Package Material(Film, Solder, PCB, etc.) · Particle/Contamination/Void Control, PKG Reliability Analysis · Package/Chip Warpage Control, Thermal Distortion Control · Micro Solder Bump, Welding Reliability · Vision, Laser Application(Cutting, Marking, Inspection), Plasma ☐ Advanced Process Development · Wafer Handling/Grinding/Thinning, Wire Bonding, 　Die Attach/Bonding, Wafer Dicing/Sawing, Chip Stack, Molding, 　Soldering, SMT(Surface Mount Tech.)
Test Technology / Software	☐ Signal Processing & Test · High Speed Circuit Design · Analog and Mixed Signal Integrated Circuit Design · Digital Signal Processing · Automatic Test Equipment System Design · Power System, Power Electronics · Design for Test(DFT) ☐ SW · Database design, Optimization · Data mining, Algorithm, Statistic Analysis · Software Optimization · Embedded(Firmware) Programming · Heuristic Roution · Job Scheduling Algorithm
Equipment Development	☐ CAE Analysis · Structure, Dynamics, Thermal, Fluid Analysis/CFD ☐ Robot & System Integration · Robotics, Dynamics & Kinematics · Optimal Design / Robust Design · Sensor & Actuator Technology ☐ Control · Motion Control, Vibration Control · High Rigidity/high Precision/high Accuracy Control

	· Thermal Compensation Algorithm □ SW · Real time OS System Programming · Embedded System Programming · Intelligent SW Architecture · Industrial Software Engineering □ Mold · Injection Mold Design · Molding Technology · Press Die Design/ Mold Materials
Vision System	□ Optics & Inspection · Precision Optical System Design · Image Processing Algorithm · 2D/3D Image based Measurement · X-ray Computed Tomography
Automation	· FMS(Flexible Manufacturing System) · Automation System Simulation · Manufacturing System Analysis/Assessment/Design · Conveying System Design/Control · Manufacturing Line Layout Design · AutoMod(Simuation Software) Skills

Quality
& Reliability
	· Data Analysis & Statistic Analysis
	· SPC(Statistical Process Control),
	  Multivariate Statistical Analysis
	  Data Mining Application(for Manufacturing, Quality/Reliability)
	· Database OLAP(Online Analytical Processing) Analysis
	· Design For Reliability, QFD.
	· Process Quality Design.
	· FDC, APC, VMS Logic Development, Advanced Quality System Design
	· Measuring Sensor Development, Monitoring Method/Tool Development

※ 근무지 : 삼성전자 나노시티 Test&Package 센터(충남 아산 소재)