

## Advanced Products & Services

### Solvay Solexis



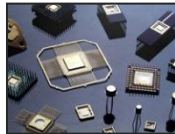
- ▶ Leak Detection Fluids
- ▶ Thermal Shock Fluids
- ▶ Vapor Phase Fluids



### Chip Supply



- ▶ Die Distribution
- ▶ LAT / Probe Testing
- ▶ DSCC QML Certified
- ▶ CM Packaging



### Applied Micro Structures



- ▶ Molecular Vapor Deposition
- ▶ Organic Coatings
- ▶ Metal Oxides Coatings
- ▶ Alternative to CVD & ALD



### NHK Spring Co.



- ▶ Advanced Metal Based PWB's for:  
Automotive, LED Lighting,  
Intelligent Power Modules,  
Inverter Circuits, Converters



### IMI



- ▶ FCOB & COB Assembly
- ▶ FC on Flex
- ▶ SMT Assembly

### Signal Processing Group



- ▶ Mixed Signal-Analog ASIC
- ▶ Design / Fab / Test / Packaging
- ▶ Prototype & Production

### Tecnisco Ltd.



- ▶ Plating/Sputtering/Vapor Deposition
- ▶ Assembling / Bonding

## Packaging Materials & Consumables

### Sumitomo Metal Mining Asia Pacific Pte Ltd.



- ▶ Etch / Stamp Lead Frames
- ▶ Plating
- ▶ Laminate Substrates



### Sumitomo Metal Mining - MEM



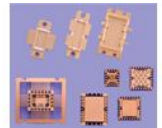
- ▶ Gold Bonding Wire
- ▶ Low Cost Hybrid Wires



### Sumitomo Metal(SMI) Electronic Devices



- ▶ Ceramic Packages
- ▶ Power RF Packages
- ▶ Optical Packages
- ▶ Led Packages



### Keaco Inc.



- ▶ Carrier Tape
- ▶ Cover Tape
- ▶ Reels



### RGT



- ▶ 6", 8", 12" Wafer Frames
- ▶ Stainless Steel Frames
- ▶ Plastic Frames

### Azimuth Electronics



- ▶ Test & Burn-in Sockets
- ▶ QFP Socket with Carrier
- ▶ Machined or Molded



## Capital Equipment

### Disco USA



- ▶ Wafer Grinding
- ▶ Saw Singulation

- ▶ Laser Singulation
- ▶ Dicing Systems & Blades



### DJK Global



- ▶ Semiconductor Inspection Systems
- ▶ Factory Automation Systems
- ▶ Automated Test Handling

- ▶ Topcon & Hon Technologies Machines

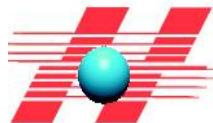


### Topcon



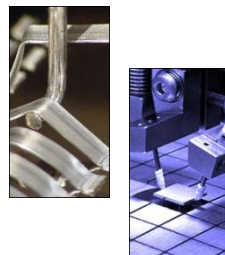
- ▶ Wafer Surface Analyzer
- ▶ Chip Defect Inspection

### HON. TECHNOLOGIES



- ▶ Board Level IC Test Handlers
- ▶ Logic IC Test Handlers
- ▶ Flash Card Test Handlers

### Royce Instruments



- ▶ Bond Testers:  
Wire Pull / Bond Shear / Die Shear
- ▶ Die Sorters: Semi & Automated

## Capital Equipment (cont.)

### NEU DYNAMICS CORPORATION



- ▶ Precision Molds & Dies
- ▶ Automation Equipment
- ▶ Encapsulation/Insert Molding

- ▶ Hanmi, Renesas & K&S Machines



### HANMI Semiconductor



- ▶ Assembly Equipment
- ▶ Custom Automation
- ▶ Molding / Marking / Ball Placement / Singulation

### Renesas



- ▶ Wafer Sorter / Chuck
- ▶ SiP Bonder / Mounter
- ▶ High Sensitivity Gas Analyzer

### Kulicke & Soffa



- ▶ Wire Bonding Machines & Workholders

### Web Technology, Inc



- ▶ Turret Test Handlers
- ▶ Bubble Testers
- ▶ Centrifuges & Inserts

- ▶ Gross / Fine Leak  
Preconditioning Systems

