



A-IATS, Serving microelectronics industry: Wafer fab, device, IC assembly & packaging, system assembly, MEMS & photonics

for

process characterization and development, contamination analysis, electrical fault isolation, device and package failure analysis, understanding failure mechanism after critical stress tests, device performance, quality control, reliability assurance, defect reduction and yield improvement.



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Advanced Integrated Analytical Test Services

Your first port of call for Advanced Analytical Services

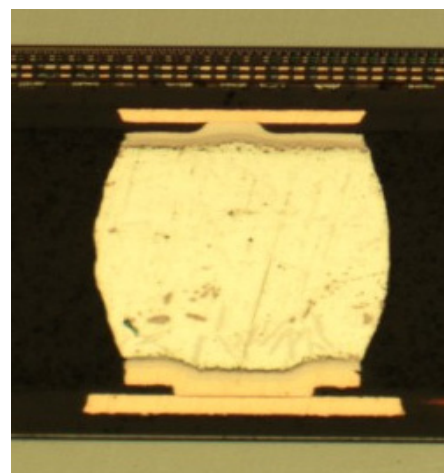
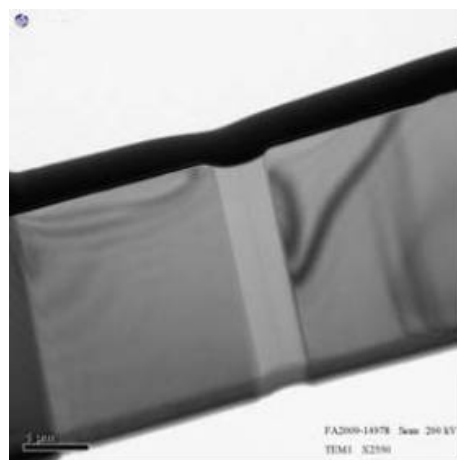
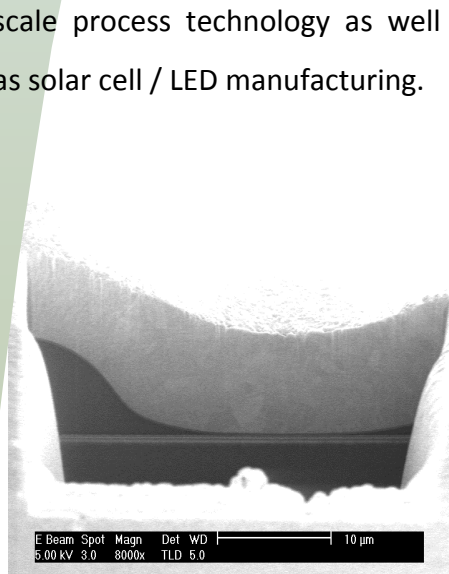
Connecting your business to the technology resources you need

Innovative metrology and characterization are becoming critical for development of nano/micro circuit technology and clean technology cluster. The progressive introduction of new materials, novel processing and assembly, and innovative devices bring forth formidable metrology and diagnostic challenges in recent years due to rapid consumerization of silicon by the new generation. Advanced characterization has thus become a key enabler in improving Nano-scale process technology as well as solar cell / LED manufacturing.

A-IATS, as your first port of call addresses your analytical and test challenges on continual basis with its physical assets and intellectual capital arising from research labs and regional manufacturers. AIATS enables you to analyze the composition, morphology, wafer and package failure, surface roughness, and interface defects to improve yield and optimum performance enhancement for your devices and products.

Services

- Cross section
- SEM, AUGER, TEM
- Intermetallic analysis
- Cu bond failure analysis
- Thin film adhesion
- Solar cell and reliability
- Training FA Engineers
- Technical Consultancy
- Project Management
- Professional Courses
- Market Research



Advanced Integrated Analytical Test Services

total end-to-end solution



Vision

To be the leader for **Quality & Delivery Excellence** in consultancy and analytical services

Mission

To serve microelectronic industry cluster with intellectual capital and appropriate scientific tools through consultation

Integrated Circuit Team

Integrated Circuit team with direct knowledge of the industry & extensive technical capability.

Assembly Process Packaging Team

A dedicated team of talented young innovative engineers who can deliver the commitments we make to our customers.

Material Analysis Team

Material analysis team offers a full range of material analysis, testing and engineering services

Solar Cell Team

Solar Cell team to train and service the solar cell technology needs of the industry.

Nano Technology Team

Nano technology team offers the right experience to help nano-technology companies grow – from product infancy to success in the marketplace.