



# Supplier (ASEM) Profile

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# Supplier Profile

- Name : ASE Electronics (M) SDN BHD
  
- Address : Plot 20, Phase IV,  
Free Industrial Zone,  
11900 Bayan Lepas, Penang.
  
- Assembly area
  - Size : 170,000 sq.ft
  - Clean room status : Front of line (class 10k)  
End of line (class 100k)
  - # of shifts : 2 shifts
  - Employee's : ~ 1500
  - Others : ESD controlled,  
Temperature & RH controlled, etc.

# Supplier QMS (Highlights)

## ■ Robust QMS

- Document control system
  - 4 level structure (level 1, level 2, level 3 & level 4)
  - Records are maintained
- Automation
  - Yield Management system
  - Material control (Floor life and staging time control)
  - WIP Management (Critical defect trigger, lots on hold, etc)
  - eBOM system to control direct materials
  - eControl triggers real time quality inspection
- Error proofed systems
  - Bar coded process traveler
  - Bar coded magazine and tooling to prevent mixing of lots
  - WIP management (Built in automated mistake proofing features – checks between lot traveler and equipment as well as process step)

# Supplier QMS (Highlights)

- Process flow is based on Microsemi SoC's baseline
- Process traveler captures all customer requirements
- Production Control process encompasses the following
  - Control plan, OCAP, PFMEA, Internal audit, Control of non conforming product, Incoming inspections, MRB, Equipment Support, etc
  - Strong supplier management and supplier rating scheme
  - Calibration/PM is done internally or use externally accredited source
  - Customer compliant process – provide feedback/1<sup>st</sup> response within 24 hrs
  - Robust training program

# Supplier Certifications



(ISO9001:2008)



(ISO/TS16949:2009)



(ISO14001:2004)

## Primary Quality Certifications

- **Secondary Certifications:**
  - IECQ certified Hazardous Substance Process Management
  - Sony Green Partner Certified