![ALeader - Beyond Innovation]

First
Article
Inspection
application

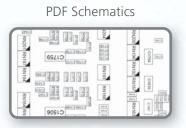**Prototype verification before starting the mass production**

First Article Inspection is the process of independent verification of the new product to confirm that the specifications and design requirements have been properly implemented before starting a mass production.

ALeader AOI supports this process with its proprietary application, which takes the board image produced by the system and checks it against the BOM and board schematics, part-by-part.
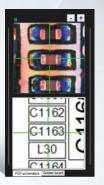
PDF Schematics

BOM

Board Image from ALeader AOI

Golden Board Image (opt.)

First Article Inspection

Main features

- Offline application, AOI utilization is not affected
- Board verification against BOM, schematics and golden sample
- Easy and fast program creation
- Convenient board views, zoom, search location and PN, sort, view per PN
- Possibility to use part number from CAD and BOM
- Automatic placement verification per Part Number
- Color verification marks in BOM and CAD
- Allowed component marks stored per part number
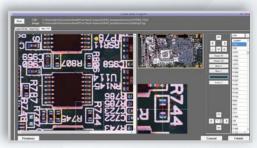- Comments per component
- Golden board
- Report generation

Board - Schematics - Golden Board

Adding PDF schematics

Inspection report

New program creation

Allowed component marks per part number

Color verification marks

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