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Why Inspect Components IC?

<https://www.seamarkxray.com/inspect-components-ic/>

Quality is First!

Component placement inspection has become even more critical over the past decade due to package sizes getting smaller and smaller. The key to a successful yield improvement strategy is understanding these placement defects and creating a proactive approach to process control.

Learn why you should Inspect your Components IC

- [Yield Improvement Strategies](#)

First sample PCB test-Use x ray machine to detect quality problems and control quality issues from the root cause.

AOI and SPI is important for PCB surface, But for PCB inside quality, X ray machine is necessary for factory that requires quality.

- [Stamp out Rework](#)

If it can control quality problem at the first, rework process can be save a lot of time, repair material and manpower.

For repair, recommend [ZM R7830A BGA rework station](#), Flextronics, DELTA, SONY, and so on are using it, demo video: <https://youtu.be/j6lcbA-bB8o>

- [Return on Investment](#)

For ROI of x ray machine, it can't be calculated, SMT PCB is mass production, PCB value is difficult to estimate, and [closed tube x Ray machine](#) can be used for 12-15 years.

- [Billions of Solder Joints](#)

The article is reproduced in [ASC International](#)

Family of [Industrial X-ray inspection machine](#) & [BGA rework station](#)



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