

May 16, 2011



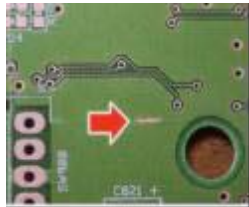
**MATRIX**  
Industry Product Update



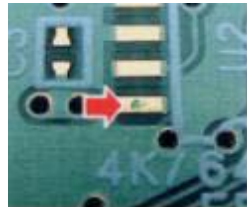
## AVI Inspection

*Automatic Visual Inspection*

***Eliminate Shipping  
of DEFECTIVE PCB's***



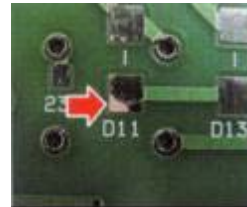
Scratch



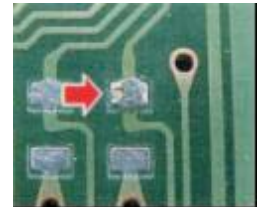
SM on Pad



Foreign Material



Missing Solder



Excess Solder

**The Newest Answer to Final Inspection - 300 systems operating in Asia and outside North America.**

***Just purchased by TTM, US after 6 months of thorough testing.***

**The “Visper” system will automatically detect repairable defects at final inspection prior to shipping.**

### **CA Picard “VISPER” AVI - Automated Visual Inspection System**

What is more important than shipping out good product to your customer? This system is just being introduced to North America while there are over 300 systems installed world-wide.

The **Visper** is designed to reveal repairable defects at final board inspection. Manual visual inspection is just not able to compete with automation. Using the “golden board” concept or the new “Gerber” software comparison, the **Visper** will detect; SM on a pad, scratches, faulty gold plating, foreign material, marking defects, flux in the hole, etc., etc.

Qualified to IPC 600 Standards, the **Visper** is an invaluable cost saving tool for the fabricator.

**Fred Long, Business Development | Matrix**

Tel: 416-569-8800

[fred.long@matrixusa.us](mailto:fred.long@matrixusa.us) | [www.matrixusa.us](http://www.matrixusa.us)