

**AUTOMATIC OPTICAL INSPECTION OF PRINTED CIRCUIT
BOARD PACKAGES WITH POLARITY**

ABSTRACT OF THE DISCLOSURE

5 An optical inspection system and a method of inspecting a printed
circuit board identify a color for a package of a component and identify dark
areas and light areas on the package. The identified color is then used to
determine which of the dark areas or light areas represent markings. From
the identified markings, the orientation of the component is determined.

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Figure 5