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BOND PAD DEFECT CALCULATION USING GRIDLINES

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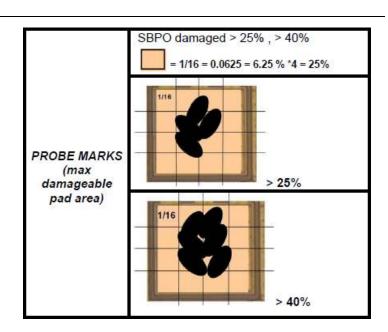
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PROJECT OBJECTIVE

- Provide specialized measurement tool for quantifying or measuring probe marks and bond pad-related defects, for Incoming Quality Control (IQC) station, Assembly Process Control, and for New Product Introduction (NPI)
- Zero cost implementation by utilizing existing software licenses and available resources
 - Instead of purchasing brand-new measurement equipment or software measurement tool, one big challenge is to come up with an innovative and cost-effective solution that will address qualityrelated difficulties by maximizing existing available resources

PROBLEM IDENTIFICATION – BOND PAD DEFECT USING VISUAL MEASUREMENT

Previous methodology employed manual grids to measure or estimate the magnitude of the bond pad defect



Example of Bond Pad Defects That Need Measurement

SOLUTION IMPLEMENTATION

