POSTER PRESNTATION

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SEMI-AUTO GRID TOOL FOR DAF VOIDS MEAN Frederick Ray I. Gomez, Nerie R. Gomez

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PROJECT OBJECTIVE

- Provide specialized tool for Assembly Process Control and New Product Introduction (NPI) for measuring and/or quantifying die attach film (DAF) voids and other die attach-related defects
- 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 utilized manual grids to measure or estimate the magnitude of the defect



Example of DAF Voids That Need Measurement



SOLUTION IMPLEMENTATION