

Abstracts

Design and implementation of a microwave packaging materials database

M. Harris, C. Lesniak, C. Erichsen and M. Dobbs. "Design and implementation of a microwave packaging materials database." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1827-1830.

A microwave packaging materials database is designed and implemented to enable materials tolerant microwave packaging design. Over 200 products covering 14 different packaging applications are included in this "stand-alone" application that requires no additional host software. Advanced search routines permit designers to select packaging materials based on a combination of materials properties. Use of this database reduces design cycle time and non-recurring (NRE) engineering cost and can expedite the insertion of new materials into microwave packaging design.

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