

lead free electronics inemi pdf

The Restriction of Hazardous Substances Directive 2002/95/EC, (RoHS 1), short for Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment, was adopted in February 2003 by the European Union.

Restriction of Hazardous Substances Directive - Wikipedia

The intermetallic layer thickness is another factor that would impact solder joint strength. The intermetallic layer is a critical part of a solder joint because it facilitates bonding between the solder and the substrate.

Effect of Reflow Profile on SnPb and SnAgCu Solder Joint

How to Choose the Right DRAM for an Application Pat Lasserre, Director, Strategic Marketing, Integrated Silicon Solution Inc. (ISSI) While price and density play large roles in selecting dynamic random access memory (DRAM), many other

How to Choose the Right DRAM for an Application - ISSI

1 Key code here © 2009 TechSearch International, Inc. Tin Whisker Prevention with SnBi Plating Issei Fujimura, Manager of R&D Section No. 2, Ishihara Chemical Co., Ltd.

Tin Whisker Prevention with SnBi Plating - unicon.co.jp

Metal whiskering is a phenomenon which occurs in electrical devices when metals form long whisker-like projections over time. Tin whiskers were noticed and documented in the vacuum tube era of electronics early in the 20th century in equipment that used pure, or almost pure, tin solder in their production.

Whisker (metallurgy) - Wikipedia

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2018 Conference Overview: The 14th Annual Device Packaging Conference (DPC 2018) will be held in Fountain Hills, Arizona, on March 5-8, 2018. It is an international event organized by the International Microelectronics Assembly and Packaging Society (IMAPS).

TECHNICAL PROGRAM - IMAPS

1. Introduction. The move towards lead-free electronics manufacture, in the wake of EU legislation, such as RoHS (Restriction of Hazardous Substances Directive) , restricting the use of lead in electronics, has resulted in considerable research effort being directed towards the development of alternative strategies to mitigate tin whisker ...

The effect of electroplating parameters and substrate

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