



LIVE WEBINAR

How tCAT Slashes the Cost of Ultra-Thin Package-Level EMI Shield Coatings

WEDNESDAY, APRIL 4 • 2-3PM

Package-level EMI (electromagnetic interference) shielding is increasingly important as highly sensitive components become more tightly packed in circuit assemblies. The use of sputtering and plating to apply a thin, conductive metal layer, less than 10 μ m, to individual packages has proven to be effective in providing EMI shielding, albeit at a substantial process cost.

New “sprayable” coatings have been developed that provide effective EMI shielding performance when applied in an ultra-thin layer. tCAT (ultra-Thin Coating Application Technology), a novel application method has been developed to apply these new coatings in a uniform, ultra-thin layer on the individual package while reducing the process cost by up to 60%

Join Stuart Erickson, President of Ultrasonic Systems, Inc. (USI) as he discusses the significance of the combination of nozzle-free ultrasonic spray technology, a precision liquid handling and delivery system as well as an advanced coating system platform is a significant

Details

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Title:

How tCAT Slashes the Cost of Ultra-Thin Package-Level EMI Shield Coatings

Date:

Wednesday, April 4, 2018

Time:

2:00 p.m. to 3:00 p.m. (ET)



step towards applying these new EMI shield coatings reliably and consistently in a cost-effective manufacturing process.

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Key Takeaways:

- What is tCAT?
- An overview of the EMI Shield Coating Application Process
- A breakdown of the Coating Uniformity Data and Process Cost

The presentation will be followed by a 15-minute Q&A session.

Ultrasonic Systems, Inc. manufactures high-performance spray coating equipment based on proprietary, nozzle-less ultrasonic spray head technology. USI's products deliver a superior alternative to conventional air-atomizing or ultrasonic spray nozzle solutions for the solar, semiconductor, fuel cell, medical, and electronics assembly markets.

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