

Centre for Electronic Corrosion

Technical University of Denmark

Invite you to a

Free half day seminar on “Process related contamination on PCBAs and climatic reliability issues”

22nd February 2012 at DTU

Time: 12:30 – 16:30

Venue: DTU, building 101, room 01, Anker Engelundsvej 1, 2800 Kgs. Lyngby
(The DTU main building, just opposite the reception).

This seminar will focus on unwanted process related residues incorporated on the PCBA at various stages of the manufacturing process, influence on climatic reliability issues, and how to test and control.

Seminar programme	
12.00-12.30	Registration and Sandwiches
12.30-12.40	Introduction to the seminar Rajan Ambat, CELCORR, DTU
12.40-13.00	Residues from bare PCB manufacturing and reliability issues Rajan Ambat, CELCORR, DTU
13.00-13.30	Contamination from assembling, flux residues, and human handling Rajan Ambat, CELCORR, DTU
13.30-14.00	Knowledge and experiences from Danfoss <ul style="list-style-type: none"> - Cleanliness effects on device testing, K. Stentoft, Danfoss - Cleanliness demands for suppliers/customers, P. Skjold, Danfoss - Field failures due to process contamination, D. Johansen, Danfoss
14.00-14.30	Overall discussion on cleanliness issues and coffee All participants
14.30-14.50	Evaluation of process related contamination Peter Leisner, SP Technical Institute of Sweden
14.50-15.10	Flux residues: contamination control and test methods Morten Jellesen, CELCORR, DTU
15.30-16.10	Cleanliness Comparison – C3 Localized versus Total Board Extractions Cleanliness testing (40 minutes) Paco Solis, Foresite, USA
16.10-16.30	Summary Rajan Ambat, CELCORR, DTU

If you wish to attend, please send an email by latest by 10th February either to Rajan Ambat, ram@mek.dtu.dk, Tel: 45452181 or Morten Jellesen, msj@mek.dtu.dk, Tel: 45452213.

Seats are limited. Therefore the registrations will be on first-come, first-served basis.