NPTEL Video Course - Mechanical Engineering - NOC:Electronic Packaging and Manufacturing

Subject Co-ordinator - Prof. A Bhattacharya

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction - 1
Lecture 2 - Introduction - 2
Lecture 3 - Introduction - 3
Lecture 4 - Semiconductors and Components - 1
Lecture 5 - Semiconductors and Components - 2
Lecture 6 - 1st Level Packaging - I
Lecture 7 - 1st Level Packaging - II
Lecture 8 - Area Array Packages - I
Lecture 9 - Area Array Packages - II
Lecture 10 - Area Array Packages - III
Lecture 11 - Flip Chip Technology
Lecture 12 - 1st Level Interconnections - I
Lecture 13 - 1st Level Interconnections - II
Lecture 14 - 1st Level Interconnections - III
Lecture 15 - Advanced Packaging
Lecture 16 - 2nd Level Packaging
Lecture 17 - 2nd Level Packaging
Lecture 18 - 2nd Level Packaging
Lecture 19 - 2nd Level Packaging
Lecture 20 - 2nd Level Packaging
Lecture 21 - System Integration
Lecture 22 - Thermal Management 1
Lecture 23 - Thermal Management 2
Lecture 24 - Thermal Management 3
Lecture 25 - Thermal Management 4
Lecture 26 - Thermal Management 5
Lecture 27 - Thermal Management 6
Lecture 28 - Thermal Management 7
Lecture 29 - Thermal Management 8

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Lecture 30 - Thermal Management 9
Lecture 31 - Shock and Vibration - 1
Lecture 32 - Shock and Vibration - 2
Lecture 33 - Shock and Vibration - 3
Lecture 34 - Shock and Vibration - 4
Lecture 35 - Electronic Packaging Reliability - 1
Lecture 36 - Electronic Packaging Reliability - 2
Lecture 37 - Electronic Packaging Reliability - 3
Lecture 38 - Electronic Packaging Reliability - 4
Lecture 39 - Power Electronics Packaging
Lecture 40 - Special Topics
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