

Soldering Photo Albums

Bob Willis, world-renowned soldering expert, has developed an extensive library of electronic assembly soldering photographs. These are available on CD-ROM, and are an essential resource for process engineers and trainers for illustration of soldering concepts. ALC is pleased to make Bob's well-known soldering photo albums available for secure on-line purchase at www.automatedlearning.com.

These soldering photographs are provided as a resource for workshops and general educational events. The images are also ideal for use in manuals, standards, and to illustrate technical articles and textbooks. The photographs are provided royalty free provided they are not resold as individual images or as part of an image library.

The images are generally provided in .tif format but in some cases are in .jpg format. It is recommend that the tif images are not used directly in PowerPoint presentations due to their size. Resizing the images to approximately 400 x 300 pixels and 72 dpi in jpg format is ideal for PowerPoint.

This .pdf contains low-resolution thumbnail examples, the actual photo album CDs provide larger high-resolution images, are updated continually and typically contain much more.

For more information or to purchase these CDs:

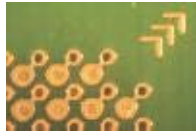
Web: www.automatedlearning.com/purchasing/solderingphotos.cfm
eMail: sales@automatedlearning.com
Tel: (613) 599-9975

Soldering Albums available on CD include:

Lead Free Assembly and Soldering	Solder Paste Printing
0201 Chip Components	Conventional Assembly Process Defects
Surface Mount Process Defects	Printed Circuit Board
Ball Grid Array	Wire Preparation and Crimping
Pin in Hole Reflow Soldering	SM and Conventional Components
Flip Chip Assembly	SM and Conventional Joint Illustrations



0001.tif



0002.jpg



0002.tif



0003.tif



0004.tif



0005.jpg



0005.tif



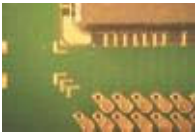
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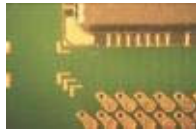
0007.tif



0008.tif



0009.jpg



0009.tif



0010.tif



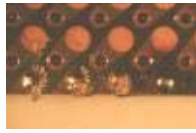
0011.tif



0012.jpg



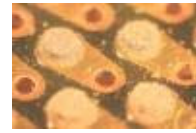
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0013.tif



0014.tif



0015.tif



0016.tif



0017.tif



0018.tif



0019.tif



0020.tif



0021.tif



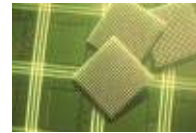
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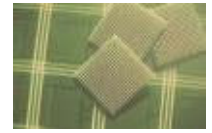
0023.tif



0024.tif



0025.jpg



0025.tif



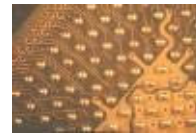
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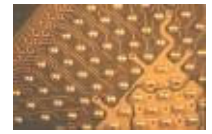
0027.jpg



0027.tif



0028.jpg



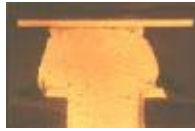
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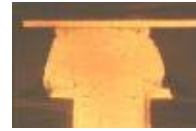
0059.tif



0060.tif



0061.jpg



0061.tif



0061.jpg



0062.tif



0063.jpg



0063.tif



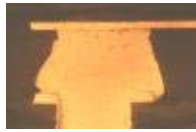
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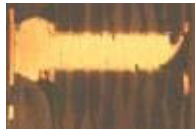
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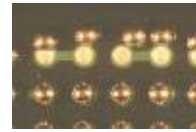
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0065.tif



0066.tif



0067.jpg



0067.tif



0068.tif



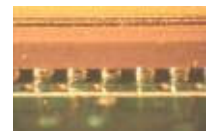
0069.jpg



0069.tif



0070.jpg



0070.tif



0071.tif



0072.tif



0073.jpg



0073.tif



0074.tif



0075.tif



0076.tif



0077.tif



0078.tif



0079.tif



0080.tif



0081.tif



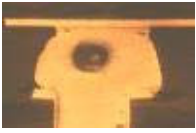
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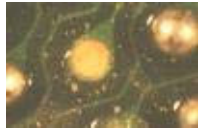
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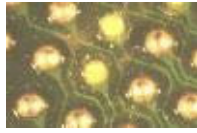
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0085.tif



0086.tif



0087.jpg



0087.tif



0088.tif



0089.tif



0090.bmp



0090.jpg



0090.tif



090.jpg



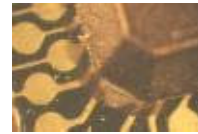
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0092.jpg



0092.tif



0093.jpg



0093.tif



0094.jpg



0094.tif



0095.jpg



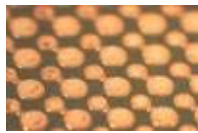
0095.tif



0096.jpg



0096.tif



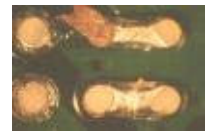
0097.tif



0098.tif



0099.tif



0100.tif



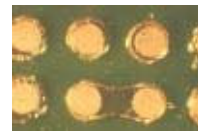
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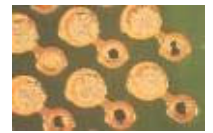
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0103.tif



0104.tif



0105.tif



0106.tif



0107.tif



0108.tif



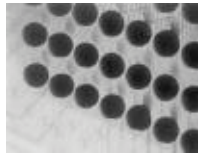
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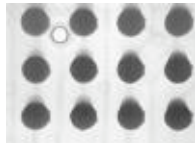
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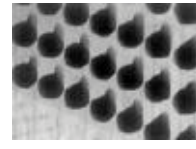
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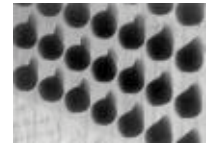
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0197.tif



0198.jpg



0198.tif



0199.tif



0200.tif



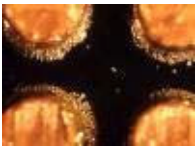
0201.tif



0202.tif



0203.tif



0204.tif



0205.tif



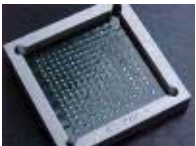
0206.tif



0207.tif



0208.tif



0209.tif



0210.tif



0211.tif



0212.tif



0213.tif



0214.tif



0215.jpg



0215.tif



215.jpg



0216.jpg



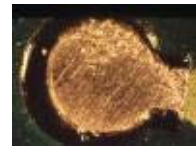
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216.jpg



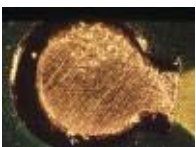
0217.tif



0218.tif



218.jpg



0218 copy.jpg



0219.tif



0220.tif



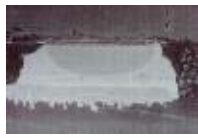
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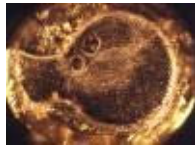
221.jpg



0222.tif



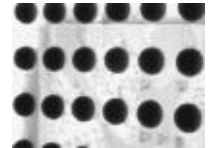
222.jpg



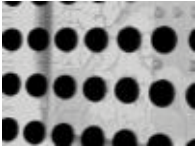
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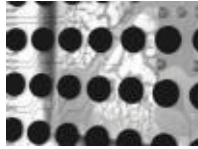
223.jpg



0224.tif



0225.tif



0226.tif



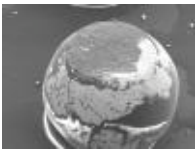
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227.jpg



0227 copy.jpg



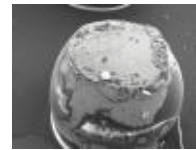
0228.tif



0229.tif



0230.tif



0231.tif



0232.tif



0233.jpg



0233.tif



0234.tif



0235.tif



0236.tif



0237.tif



0238.tif



0239.tif



0240.jpg



0240.tif



0241.tif



0242.tif



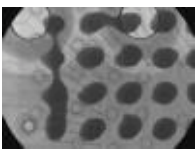
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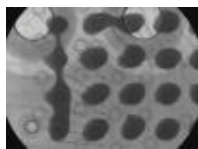
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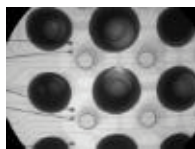
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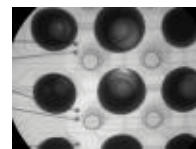
0245.jpg



0245.tif



0246.jpg



0246.tif



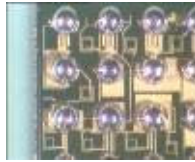
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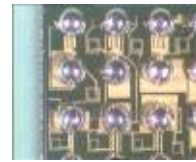
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0248.tif



0249.jpg



0249.tif



0250.jpg



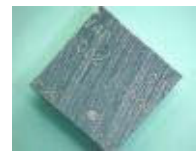
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0251.jpg



0251.tif



0252.jpg



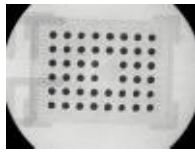
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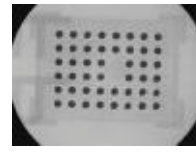
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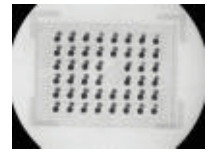
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0254.jpg



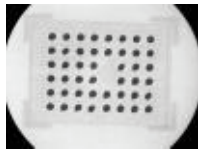
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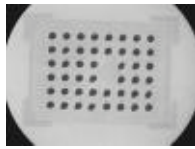
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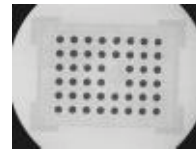
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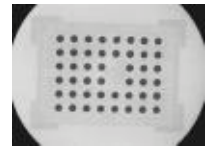
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0256.tif



0257.jpg



0257.tif



0258.jpg



0258.tif



0259.jpg



0259.tif



0260.jpg



0260.tif



0261.jpg



0261.tif



0262.jpg



0262.tif



0263.jpg



0263.tif



0264.tif



0265.tif



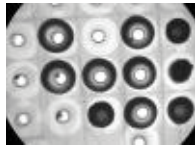
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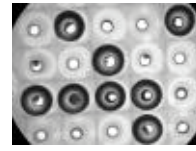
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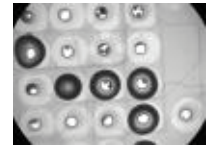
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0269.tif



0270.tif



0271.tif



0272.jpg



0273.jpg



0274.jpg



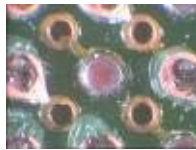
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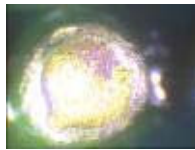
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0277.jpg



0278.jpg



0279.jpg



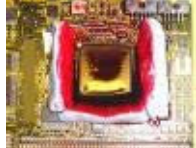
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0281.jpg



0282.jpg



0283.jpg



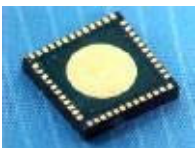
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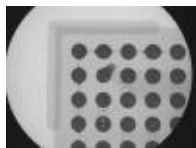
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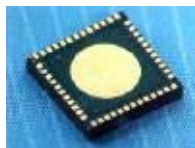
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0287.jpg



0287.tif



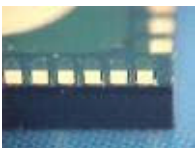
0288.jpg



0289.jpg



0290.jpg



0291.jpg



0292.jpg



0293.jpg



0294.jpg



0295.jpg



0296.jpg



0297.jpg



0298.jpg



0299.jpg



0300.jpg



0301.jpg



0302.jpg



0303.jpg



0304.jpg



0305.jpg



0306.jpg



0307.jpg



0308.jpg



0309.jpg



0310.jpg



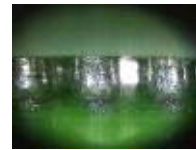
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0312.jpg



0313.jpg



0314.jpg



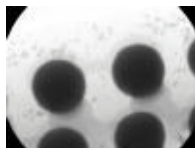
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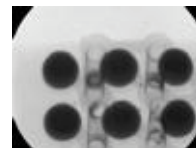
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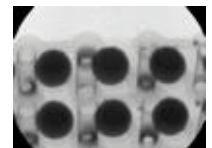
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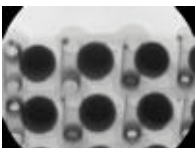
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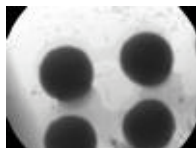
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0320.jpg



0321.jpg



0322.jpg



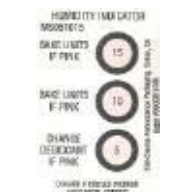
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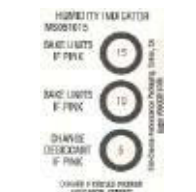
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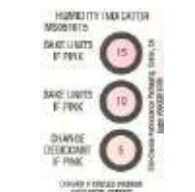
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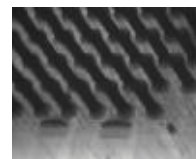
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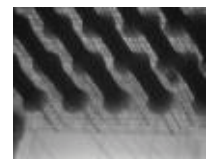
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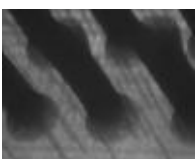
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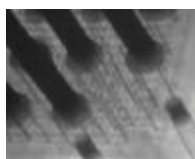
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0332.jpg



0333.jpg



0334.jpg



0335.jpg



0336.jpg



0337.jpg



0338.jpg



0339.jpg



0340.jpg



0341.jpg



0342.jpg



0343.jpg



0344.jpg



0345.jpg



0346.jpg



0347.jpg



0348.jpg



0349.jpg



0350.jpg



0351.jpg



0352.jpg



0353.jpg



0354.jpg



0355.jpg



0356.jpg



0357.jpg



0358.jpg



0359.jpg



0360.jpg



0361.jpg



0362.jpg



0363.jpg



0364.jpg



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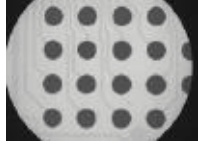
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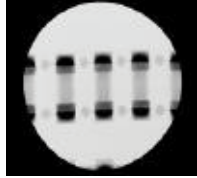
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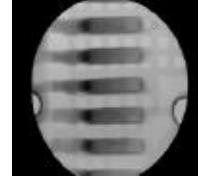
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