

# Pick 'N' Place

◆ Newsletter of the SMCBA

Jan/Feb 2019 ◆

## **SMCBA 2019 ElectroneX – 11-12 September Melbourne Convention and Exhibition Centre,**

**1 Convention Centre Place,  
South Wharf, VIC 3006**

**Note the dates in your diary.**

### **Wrap up of the 2018 Electronex**

We had another successful conference in Sydney at Rydges Parramatta with the exhibition staged at Rosehill Racecourse. Feedback for ElectroneX was positive with many exhibitors commenting that Rosehill was a great venue and the visitors were the right people. We are looking at new conference room options at Rosehill for 2020. Thank you to our two international presenters Susy Webb and Jasbir Bath for presenting some great workshops over two days and to the local presenters who delivered IPC workshops and free sessions at the exhibition.

### **Thank you to our event sponsors:**

**Embedded Logic Solutions**

**GPC Electronics**

**Hawker Richardson**

**HETECH**

**Machinery Forum**

**Mornsun**

**Mouser Electronics**

**OnBoard Solutions**

**QualiEco Circuits**

**ReSurface Technologies**

*ElectroneX continues to be a highly successful industry event and returns to Melbourne on 11-12 September, 2019 and moves to the Melbourne Convention & Exhibition Centre*

*Australasian Exhibitions and Events is taking bookings so if you are interested in exhibiting please visit the ElectroneX website for exhibition information or call AEE on 03 9676 2133:*

[www.electronex.com.au](http://www.electronex.com.au)

### **IPC Training and Certification Schedule**

**IPC-7711/7721 Rework/Repair** training and certification for trainers (Certified IPC Trainers – CIT) and operators (Certified IPC Specialists – CIS) – **Melb 4-7 March 2019 (CIS Adelaide TBA)**

**IPC-A-610** training and certification for trainers (Certified IPC Trainers - CIT) and operators (Certified IPC Specialists - CIS) – **Melb 12-15 March 2019 (CIS Adelaide TBA)**

**IPC/WHMA-A-620** training and certification for trainers (Certified IPC Trainers - CIT) and operators (Certified IPC Specialists - CIS) – **Melbourne 25-27 March 2019**

**J-STD-001** training and certification for trainers (Certified IPC Trainers - CIT) and operators (Certified IPC Specialists - CIS) – **Melbourne 1-4 April 2019.**

**J-STD-001 CIS Training in Adelaide – Feb 18-21**

**Certified Interconnect Design, (CID) at the SMCBA office – 8-10 April 2019.**

**Advanced Certified Interconnect Design (CID+) - 18-20 March 2019.**

**Further Details and Pricing:**

Contact Andrew at SMCBA office.

Pick 'N' Place is published by the **SMCBA**

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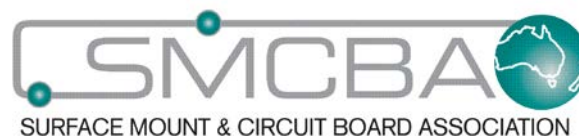
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SURFACE MOUNT & CIRCUIT BOARD ASSOCIATION

Member IPC and a Licenced IPC Training Centre



**IPC Training & Certification Centre for  
J-STD-001, IPC-A-610, IPC-A-600, IPC/WHMA-A-620 & IPC-7711/7721  
Certified IPC Designer (CID and CID+)**

## ***From The SMCBA Executive Committee:***

We wish all Members the very best for a successful 2019. We encourage you to continue your support for the SMCBA, the Conference and the ElectroneX Expo in Melbourne in September.

Thank you to those who volunteer to work on our Executive Committee, the following were elected to the Committee in 2018:

Steve Tebbutt – President  
Keith Sweatman – Treasurer  
Mark Dobson  
Mike Ross  
Mark Steiner  
Stephen Barnett  
David Kitcher  
Rodney Gibson  
Roger Hughes  
Rodney Young



## ***Latest Release and Most Used IPC Standards:***

IPC-7094 “Design and Assembly Process Implementation for Flip Chip and Die Size Components” Revision A released March 2018

IPC-7095 “Design and Assembly Process Implementation for BGA’s” revision D released June 2018

IPC-7621 “Guideline for Design, Material Selection and General Application of Encapsulation of Electronic Circuit Assembly by Low Pressure Molding with Thermoplastics” released March 2018

IPC-DRM-PTH “Through Hole Solder Joint Evaluation Training and Reference Guide Revision G released February 2018

IPC-DRM-SMT “Surface Mount Solder Joint Evaluation Training and Reference Guide Revision G released February 2018

J-STD-001 “Requirements for Soldered Electrical and Electronic Assemblies” Revision G released October 2017

IPC-A-610 “Acceptability of Electronic Assemblies” Revision G released October 2017

IPC/WHMA-A-620 “Requirements and Acceptance for Cable and Wire Harness Assemblies” Revision C released January 2017

IPC-7711/7721 “Rework, Modification and Repair of Electronic Assemblies” Revision C released January 2017

IPC-A-600 “Acceptability of Printed Boards” Revision J released May 2016

## **New Members**

Welcome to the following new Members:

ANCA Motion Pty Ltd  
LX Group  
SC Manufacturing Solutions  
Trio Test and Measurement  
Thanh Hung Nguyen  
Peter McConaghy  
Tony Nicholls  
Matthew Cook  
James McNab  
Jake Carlino  
Anthony Tremellen  
Nelson Tirimin  
Exzor Ergina  
Mark Barber  
Ghaith ALGhaith  
Dilip Singh

## ***HOT TIPS***

In this series our Master IPC Trainers will provide some tips for high reliability hand soldering, rework and repair.

### **Soldering and Rework Tips**

1. Don't under estimate the damage that can be done to ESD sensitive components by not observing proper ESD controls when performing hand soldering, rework or repair operations. Treat every assembly as if it has ESD sensitive components on it and take preventative measures.
2. The formation of Dendrites can be a serious problem. You should clean all contaminants such as finger oils, salts and flux residue from the assembly with solvents that will not cause damage to the assembly.
3. Flux performs an important role in the soldering process – it removes oxide, provides a barrier to new oxide build up, aids solder flow and acts as a heat bridge.