

Practical Guide to Modern Multilayer Manufacture

This series of webinars have been designed for those new to the circuit industry and ideal for design and assembly engineers and purchasing staff as well as suppliers and members of academic groups. This series of focused sessions will provide a clear step by step guide to the manufacture of the modern circuit board and the controls and inspection requirements to obtain trouble free assembly. Even if you can't attend all four dates don't worry you will not miss out by booking the complete series, the recordings will be available online

6 th March	PCB Manufacture Part 1	14.30 GMT
3 rd April	PCB Manufacture Part 2	14.30 BST
11 th June	PCB Manufacture Part 3	14.30 BST
5 th July	PCB Manufacture Part 4	14.30 BST

The topics addressed in this webinar series will include:

Tuesday 6th March

Laminate types
Resist Application
Imaging/Striping
Etching & AOI
Oxide Treatment

Monday 11th June

Resist Application
Imaging/Etching
Copper Plating
Solder Mask
Solder finishes

Tuesday 3rd April

Lay up
Lamination procedures
Drilling including laser
De smearing
Metallisation

Thursday 5th July

Legend
Routing
Electrical testing
Inspection and QC
PCB storage

Four highly experienced PCB engineers will offer their advice in each webinar

SMART Group price is £200+VAT for all four webinars, presentation material and access to each of the online webinar recordings. A single webinar can be booked at £65+VAT

To support the webinar content each delegate booking all four webinars will also receive two sets of training charts covering PCB manufacture and typical PCB related failures for company reference

Book a place for you or your engineering team today

SMART Group are also offering a range of *smart-e-webinars* to complement their existing hands on and theory training to companies in the electronics industry. SMART has always been innovative and keen to provide different types of education and support to the industry. *smart-e-webinars* are ideal learning opportunities for individuals or groups of engineers and will be presented by leading engineers in the electronics industry. Each session lasts between 60-90 mins and allows a cost effective alternative to existing educational events without the hassle of travel. To participate in a *smart-e-webinar* all you need is a broadband internet connection, PC and headset microphone/headphones. Alternatively for groups in a conference room you use a PC with speakers, broadband connection and projector plus conference microphone.

Before booking, and to get the best out of your webinar experience, please read the following guide:

<http://www.smartgroup.org/images/stories/howwebinarwork.pdf>

SMART Group
85 Easton Street
High Wycombe
Buckinghamshire
HP11 1LT

Tel: (+44) 01494 465217
Fax: (+44) 01494 473975
Email: info@smartgroup.org



[smart-e-webinar booking form](#)

Our web based seminars represent an efficient way to develop practical knowledge, delivering expert advice and guidance to you without leaving your workplace. Simple webinars offer a low cost and time efficient training option. They can be accessed from the internet, eliminating the need to take time out of the office and avoid expensive travel costs. Book a meeting room with computer and data projector at your facility and invite your colleagues to join you.

Technical seminars last 60-90mins with the opportunity to ask questions during or at the end of the session. The events are scheduled on different manufacturing topics of interest to engineers and production staff working in printed circuit board assembly.

Practical Guide to Modern Multilayer Manufacture is a series of four webinars each presented by a highly experienced PCB engineer. Book all four webinars for discounted price £200 + VAT. Individual webinars can be booked for £65 + VAT each.

<u>Subject</u>	<u>Date</u>
PCB Manufacture – package price for 4 webinars - £200 + VAT– dates as below	
Part 1 PCB Manufacture £65 + VAT	Tuesday 6 March 2012 – 14.30 GMT
Part 2 PCB Manufacture £65 + VAT	Tuesday 3 April 2012 – 14.30 BST
Part 3 PCB Manufacture £65 + VAT	Monday 11 June 2012 – 14.30 BST
Part 4 PCB Manufacture £65 + VAT	Thursday 5 July 2012 – 14.30 BST

Please complete this form on screen, print, sign and fax to +44(0)1494 473975 or Registrant's name should be the company representative attending the webinar and managing the company's participation in the webinar (see attendee guidelines)

Name: _____ Job title: _____

Company: _____

Address: _____

Postcode: _____ Email: _____

Tel. No: _____ Fax no: _____

VAT no: _____ PO no: _____

(for EEC countries excluding UK)

To pay by Visa/Mastercard/AMEX please complete the following and fax form to +44(0)1494 473975
(please complete all sections fully in order to comply with credit card companies' requirements to validate transactions)

Visa/Mastercard/AMEX no: _____ Card expiry date: _____ / _____

Card security code: _____

Name (as printed on card): _____ Signature: _____

Cardholder's statement address: _____

_____ Postcode: _____