

- ACB is ready for the future
- ACB goes Japanese for Laser technology
- ACB participates in the European SWIFT project
- ACB is awarded EN-9100 status

# Industry *focus*

Issue 1-E

## ACB... *ready for the future*

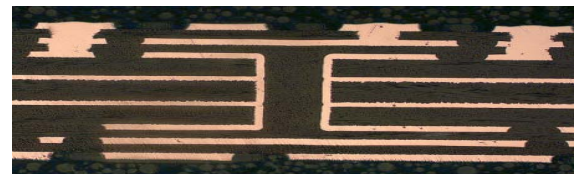
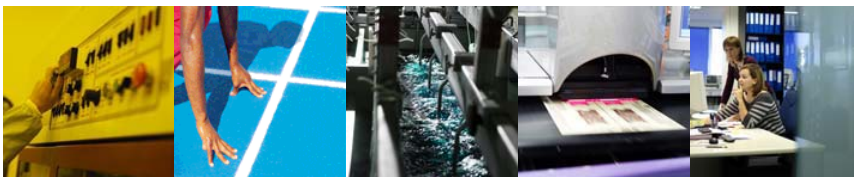
The ACB Group has started the new year as we finished 2007 with;

- Continued growth
- Technology investments
- Production capacity investments

ACB group finished 2007 by increasing turnover to €25m and investment of €3.5 to augment our focus for the HDI PCB opportunities for PCB Design & Manufacturing of Microvia SBU/SSBU, Backplanes, Flex & Flex Rigid, Buried & Microvia Hole Filling, Thermal & CTE Management.



The highlights of 2007 are the successful installation of a new Laser drilling machine to improve capability and capacity, a € 700.000 purchase of a Hitachi Combi (Co2/Yag) type LUC-2F21C has made a major contribution to our end of year success since the faultless installation and commissioning in October. The Multilayer Lay-up and Pressing area was up-graded with increased capacity.



## PCB SERVICE *XXL*

### ACB's Business profile:

ACB is the international leader in design and manufacturing of Printed Circuit Boards. As a supplier with extensive experience garnered over many years, ACB has the industry's best on-time delivery record and guarantees **fast** and **reliable** services over a wide range of **High-Tech** PCB solutions in **small** and **medium** quantities.

ACB added Copper Filling of Microvia Holes for various laser hole combinations including via stacking to meet the reliability needs of the Mil/Aerospace & Telecoms.mobile sectors, this has come about after 2 years of intensive testing and verification with our customers and is a full in-house capability which will continue to expand during 2008.

### ACB Printed Circuit Group

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## *Shift...* ACB participates in European development project

(Smart-High-Integrated-Flex-Technology).

ACB is also pleased to announce its participation in the "SHIFT" Pan European and European Commission co-funded Research project for Smart-High-Integrated-Flex-Technology as a cooperation between European research institutes and companies that produce or use Flex circuit technologies. Started in January 2004 and completed in 2008 with a budget of €11.5 Meuro (funded by EC + Swiss), with



11 participation partners in 7 different EC member / associated countries, has come into the public domain recently, was formed to meet the objectives of smart, high-integration, mechanically flexible electronic systems, for a wide variety of applications. "Smart" means that the flexible multilayer laminate has embedded components, and that the different flex layers in the multilayer structure can have different functions combining innovative ideas to include:

- a new, cheap flex laminate technology, based on a process for electroless Cu deposition on polyimide.
- a new lamination technology, based on interconnection by solid state diffusion.
- component embedding technologies : resistors, capacitors, RF components and ultra thin (20 micron) chips.
- assembly technologies on embedded multilayer flex.

More Information ?

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ACB qualifies  
for EN-9100



Since May 2007, ACB  
operates under the  
Quality Management  
System Standards

AS-9100/2004  
EN-9100/2003  
ISO-9001/2000

Applicable to Design  
& production of  
high-tech printed  
circuit boards in time  
critical demands for  
customers in the  
defence, automotive,  
industrial, medical,  
aerospace, telecoms  
and semiconductor  
market sectors.

## Achieving the challenge

### Relationship through technology

Our promise is that the ACB's wide portfolio of PCB technologies combined with the depth of our expertise makes it uniquely capable of delivering "time critical" services to meet our customers specific needs.

We ensure through a network of NPI and account managers an "early involvement" DFM support according to the latest PCB advanced technologies. We offer a local source of expertise all around Europe, giving the ACB customer the service they expect.

