SCHWEIZER ELECTRONIC AG

Schweizer Electronic AG stands for state-of-the-art technology and consultancy competence. SCHWEIZER's premium printed circuit boards and innovative solutions and services for automotive, solar, industry and aviation electronics address key challenges in the areas of Power Electronics, Embedding and System Cost Reduction. Its products are distinguished for their superior quality and their energy-saving and environmentally-friendly features. Together with its partners Elekonta Marek GmbH & Co. KG, Meiko Electronics Co. Ltd. and WUS Printed Circuit Co., Ltd., the company offers in its division electronics cost- and production-optimised solutions for small, medium and large series. In future, SCHWEIZER plans to jointly tap the chip embedding market together with its partner Infineon Technologies AG.

With about 760 employees SCHWEIZER achieved sales of 115.5 million Euro in Fiscal Year 2015 (ending December). The company was founded in 1849, is managed by family members and listed at the Stuttgart and Frankfurt Stock Exchanges (ticker symbol „SCE", „ISIN DE 000515623").

Excerpt of product portfolio

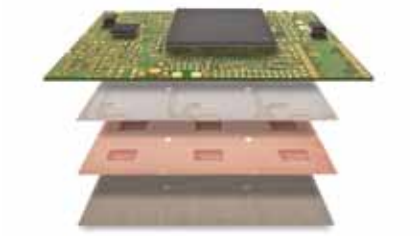
SCHWEIZER's innovative solutions address key challenges in the power electronics sector. Already today, the automotive industry applies SCHWEIZER PCBs which can operate up to 1,200 Ampere.

The **Heavy Copper Board** technology e.g. is used today in high volume production facilitating an ampacity of several hundred Ampere. The **Inlay Board** applies copper inlays with a thickness of up to 2 mm, creating areas on the PCB which allow for current peaks of significantly more than 1,000 Ampere.

Combining logic and power electronics within one single PCB and ensuring extremely good heat dissipation characteristics the **Combi Board** is for applications such as high power 3 / 6-phase drives, controlled power distributors and all solutions requiring a combination of logic and power.

Facilitating high thermal conductivity and good electrical isolation at the same time, the **IMS Board** can be applied in all solutions, which require high power electronics such as DC/DC converter, motor control units or as DCB/DBC substitute.

The **p² Pack technology** is based on standard PCB processes, combined with semiconductor solutions as MOSFETs, IGBTs and SiC. It can be applied in power electronic solutions with 3 or more phase drives for e.g.: power steering, climate compressors, high end fans as AC/DC and DC/DC converters.



Smart p² Pack layup