

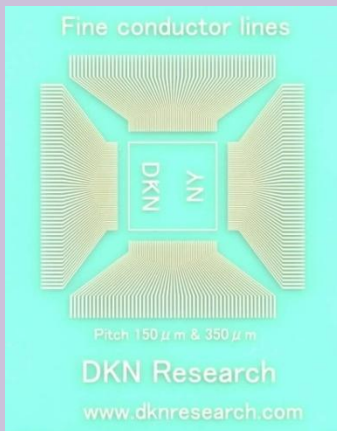
Printable & Flexible Electronics

Fine Thick Film Conductors Trial Kits

Only US\$890.00

**Let's Upgrade Fine Line Capabilities of Your Thick Film Circuits.
The Printable Electronics Is Not Very Far.**

Capable to generate 80 microns silver conductors via screen-printing



Fine Lines in traditional thick film circuits manufactured from a screen-printing process are limited within the 200 to 300 microns (8 to 6 mils) range because of low resolutions and conductivities from conventional silver pastes. These fine line parameters limit the application ranges for organic based thick film circuits compared to copper foil circuits produced from the photolithography and etching process.

The Advanced Screen Printing (ASP) Process developed by DKN Research enables you to generate silver lines finer than 100 microns (4mils) with a high conductivity on flexible substrates.

Expertise in screen-printing is not a pre-requisite; a circuit board based knowledge will suffice. The optimized conditions will be able to generate finer lines down to 80 microns. The resolution is almost equivalent to copper foil circuits produced by a photolithography and etching process. The trial process is very simple and easy. All that is needed is one set of screen-printing facilities and some experience with this type of printing. It's time to take the first step and move towards a new advanced screen-

printing process for thick film circuits.

The trial kit includes a bottle of silver paste (100grams) and a set of plastic films with special treatment as the flexible substrates. DKN Research will supply specific materials by customers' requests.

Thick film circuit technologies can be upgraded to include multilayer, printable components and more. If your first trial is successful, DKN Research is available to support your future challenges.

Please contact for detailed information

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