

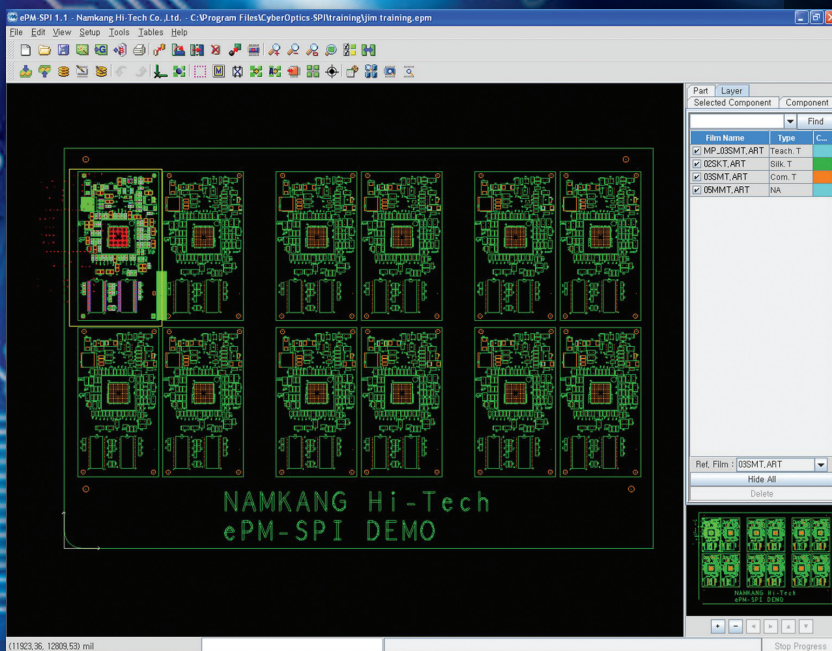
ePM-SPI SOFTWARE

SPI OFFLINE PROGRAMMING SOFTWARE

Creating programs off-line for the solder paste inspection systems is fast and easy with ePM-SPI programming software using readily-available data: Gerber, CAD X-Y and bill-of-materials files.

Using stencil and silkscreen layer Gerber files, ePM-SPI creates an image of the components and pads on the circuit board. The software uses unique auto-recognition of text and patterns in the Gerber to generate a precise image of the pads to be inspected. The part library and other automated features in the easy-to-use software eliminate the possibility of human error, making programming time very fast and efficient.

The ePM-SPI programming process generates an output file that is used by the SPI system for set up of inspection-specific parameters. The entire process of going from Gerber, CAD X-Y and BOM data files in an inspection program takes about 10 minutes on a typical panel.



SUPPORT AND TRAINING

CyberOptics offers ePM-SPI software with the solder paste inspection systems as a total, integrated customer solution. Timely and technically-accurate support and training are available. Included are:

- One day on-site software installation and training.
- Customer support via toll-free 800 phone number or email. If the toll-free phone number is not valid in your area, please contact CyberOptics' regional support office.

IMPORT FILE FORMATS

- RS-274-X (Gerber-X)
- RS-274-D (Gerber-D)
- CAD X-Y/Centroid (ASCII data)



CYBEROPTICS®

ePM-SPI SOFTWARE

SYSTEM REQUIREMENTS

Operating System	Windows 2000 operating system; Windows XP operating system preferred
Processor	1 GHz Pentium® IV processor; 2 GHz Pentium® IV processor preferred
Memory	512 MB memory; 1 GB memory preferred
Free Space Required	100 MB hard disk space; 300 MB hard disk space preferred

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