

## Equipment

### Screen printing

#### Systems

Custom blended pastes

Substrate size - up to 4" x 6"

#### Line width definition

Resistor element geometry down to 0.007"

Conductor linewidths to 0.005"

#### Screens

Sizes up to 8" x 12"

### Firing

- ❖ Computer controlled belt furnaces

### Trimming

- ❖ Computer controlled abrasive trimmers
- ❖ Trim tolerances to 0.1%
- ❖ Values from 20 mΩ to 100 GΩ

### Separation

- ❖ Diamond saw dicing and separation
- ❖ Laser machining available

### Die handling and sorting

- ❖ Automatic test and ink marking system
- ❖ Automatic and semiautomatic tape to waffle pack die pickers
- ❖ Tape and reel
- ❖ Wave soldering system
- ❖ Automatic end metallization system

## QA Systems

- ❖ 100% Visual per MIL-STD-883, Method 2032
- ❖ 100% DC resistance per MIL-STD-202
- ❖ Complete MIL-PRF-55342 testing capabilities
- ❖ Element evaluation per MIL-PRF-38534, class H and K
- ❖ SPC process monitoring
- ❖ Cross sectional analysis
- ❖ Surface mount reflow soldering
- ❖ Customer selected

## Engineering systems

- ❖ Autocad design, file formats handled include DXF & IGES.
- ❖ Comprehensive design review and testing