



www.saeinternational.com

craig@saemtl.com

## SAE MATERIALS & ASSEMBLY

### MANUFACTURING CAPABILITIES

- Surface Mount Technology
- Thru-Hole
- Surface Mount Thru-Hole Mix
- Commercial Back Planes
- BGA
- Total Box Building Solutions
- Custom Sheet Metal Enclosures and CNC Machining
- Cable Assembly and Test
- Plastic Injection Molding  
(Card Files, Folders, Ejectors, Pullers, etc...)

### SURFACE MOUNT LINE EQUIPMENT

- Panasonic Panasert MV2F
- Panasonic Panasert MVLL, Chip shooter
- Panasonic Panasert MVIIC, Chip shooter
- Panasonic Panasert MVIIC, Chip shooter
- Panasonic Panasert MPA Fine Pitch Pick & Place
- Panasonic Panasert MPA-3 Pick & Place
- Panasonic Panasert MPA-3 Pick & Place
- Panasonic Panasert MPA-3 Pick & Place
- Panasonic GC Place Software/PanaPro/Key
- Heller 1800W Reflow Oven
- EST Reflow Oven
- Panasonic Feeders, Qty 300
- Panasonic MVIIC Feeders, Qty 265
- (2)-265 DEKLT Screen Printer
- Quad Solder Paste Screen Printer
- HTI Engineering Screen Printer
- Bausch & Lomb Microscope (2)
- Conveyor Line

### THROUGH HOLE EQUIPMENT

- Electrovert Ultrapak 337-18F W/Wavedynamics
- Electrovert Ultrapak 445
- 11501 Electrovert In-Line Washer
- Universal VCD Auto-Insert Machine
- Burn-In Oven Machine (Baking PCB's)
- SA-5201 OK Industries Thru-Hole Rework Station (2)
- Universal Instrument Model 2596R Expandable Automatic Axial Lead Sequencing Machine
- Universal Instrument Model 6285 Auto Axial Lead Inserting Machine
- Universal Instrument Model 6796 Auto DIP Sequence/Insertion machine
- Universal Instrument Model 6892 Coordinate Measuring Machine, Program Generator

### KEY STRENGTHS

- Total Turn-Key Solution
- Full Box Build
- PCB Fab
- Materials Assembly
- Sheet Metal
- Cable Assembly
- Plastic Injection Molding
- Aggressive "Quick-Turn" Specialist
- Lead Time for "Quotes" - 7 to 10 days
- Lead Time for "Assembly" is 7 days  
(industry standard is 10 days)
- Hi Mix - Low to Mid Production Runs
- Wholly Owned, Debt Free, "Low Overhead"
- Mechanical and Electrical Engineers on Staff
- SAE est. 1963 - \$150 Million plus company

### QUALITY

- ISO Certified 9002
- IPC-A 610

### IN CIRCUIT TEST

- Agilent 3070 Series 3

### REWORK EQUIPMENT

- BGA Micro Oven 3500 Rework Machine
- Metcal Model MX500P-II Soldering Tool
- Metcal Model PS2E-01 Soldering Tool
- Metcal Model SP-PW1-10 Soldering Tool
- Hakko Model 926 Soldering Tool
- Hakko Model 937 Soldering Station (24)