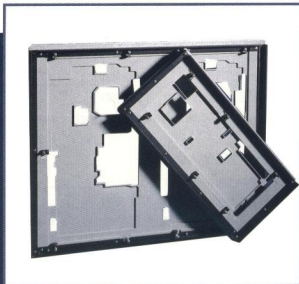


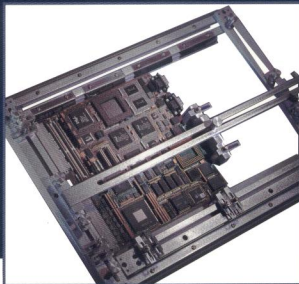
# Wave Solder Pallets



## Dedicated Wave Solder Pallets

Designed for use with conveyORIZED systems or as an insert.

- Your solution for processing double-sided mixed technology PCB's
- Shields sensitive components
- Can be designed to accommodate multiple PCB locations and odd shaped PCB's
- Increases throughput and reduces defects



## Composite Adjustable Wave Solder Pallets

Allow for quick set-up of different PCB's of varying sizes.

- All parts that contact the wave are composite
- Offers easy setup and maximum flexibility
- Can be configured with a masking wave break, masking inside rail or other custom designed features



## EMC Global Technologies, Inc.

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***Designing and Building Tomorrow's Technology Today!***

# Wave Solder Pallet Design Sheet

Date: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
E-mail: \_\_\_\_\_

## Pallet Material

ECP Pro  
 Black Composite  
 Other (please specify) \_\_\_\_\_

## Hardware

PCB Hold Down: Y  N   
Connector Hold Down: Y  N

If Yes, please supply connector specifications.  
If available, a bare board & sample connector will help to insure effective hold down.

## Equipment Details

Type of Conveyor:  
 Finger Drive  
 Insert for Chain Drive  
 Other (Please specify)

## PCB Specifications

PCB # \_\_\_\_\_  
PCB Length \_\_\_\_\_  
PCB Width \_\_\_\_\_  
PCB Thickness \_\_\_\_\_

## Pallet Specifications

Quantity Desired: \_\_\_\_\_  
Required Ship Date:  
Length: \_\_\_\_\_ Width: \_\_\_\_\_ or EMC to determine

If so, please supply maximum PCB width that will run in your conveyor line/solder machine.

Number of PCB Locations/Images:  
Engraving/Stamping Required? Y  N   
If yes: " " " "

## Information Provided:

Gerber Files: Y  N   
Sample PCB: Y  N   
Reference Job: Y  N

Job number: \_\_\_\_\_

## Clearance Required

Are there any components that extend beyond the edge of the pcb? Y  N   
Are there any components that hang under the top edge of the pcb? Y  N   
If Yes, Please Provide Dimensions over/under the PCB \_\_\_\_\_

## Masking Requirements

Board/Gold Finger/Ground Plane Masking Y  N   
Solder Side SMT Masking Y  N

If yes, supply max. component height: \_\_\_\_\_  
If individual component heights or a populated pcb is supplied, a pallet with improved solderability may be possible.

If Thru-hole is close to SMT, the preference is to:

Mask SMT   
Mask thru-hole   
Partially mask thru-hole

Below PCB Hardware: (Screws, tabs, etc.) Y  N   
If yes, provide dimensions \_\_\_\_\_ (or parts)

Clear for  OR Mask

Are breakaways on during wave: Y  N  N/A   
Can Vias/Test Points be soldered: Y  N  N/A   
Can Vias/Test Points be masked: Y  N  N/A   
Are mounting/tooling holes masked: Y  N  N/A   
Titanium or Replaceable edges: Y  N  N/A

## Direction of Travel

Please indicate how the PCB will be oriented in the fixture by listing a component on the edge of the pcb that will be soldered first \_\_\_\_\_



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