



Dear Valued Customer,

The current mechanical specifications for the package can be found at the www.national.com web site or by clicking the following link:

<http://www.national.com/packaging/folders/sqa36a.html>

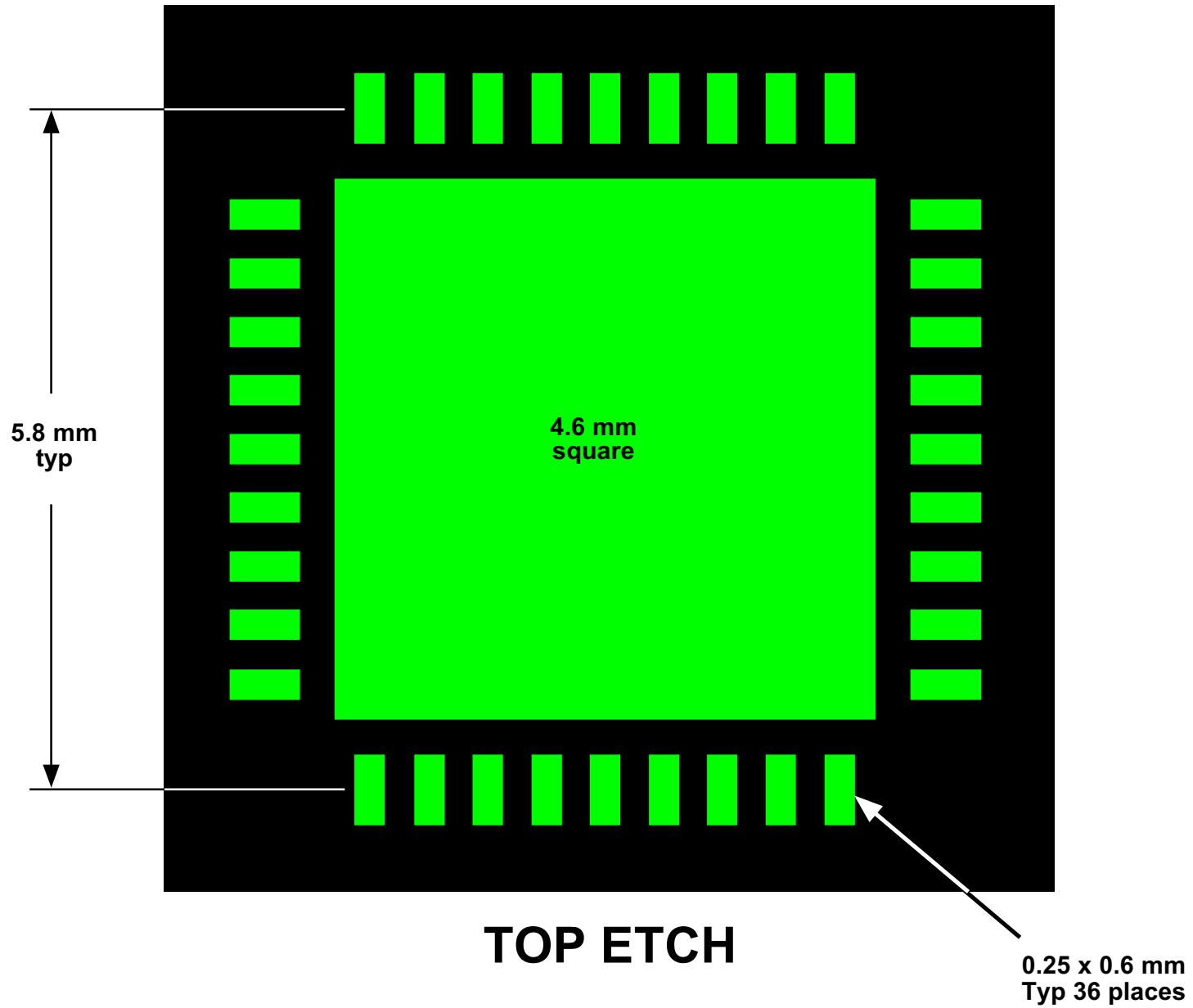
The following pages illustrate the recommended package footprints that apply to this package configuration. They are included in GERBER format for easy incorporation into most PCB layout packages.

For technical support, contact:

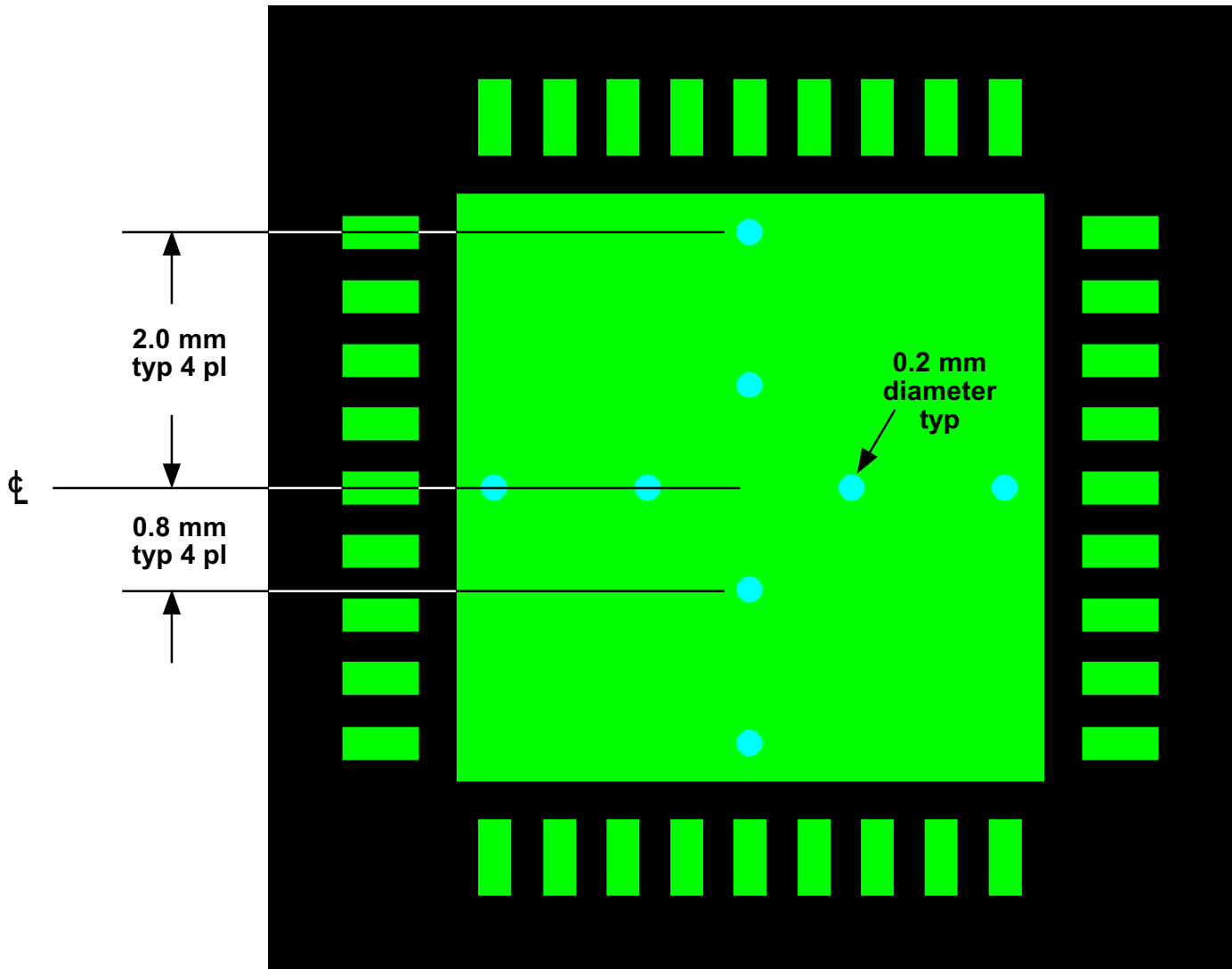
<http://www.national.com/support/>

Sincerely yours,


National Semiconductor




 = Exposed FR4  = Exposed metal

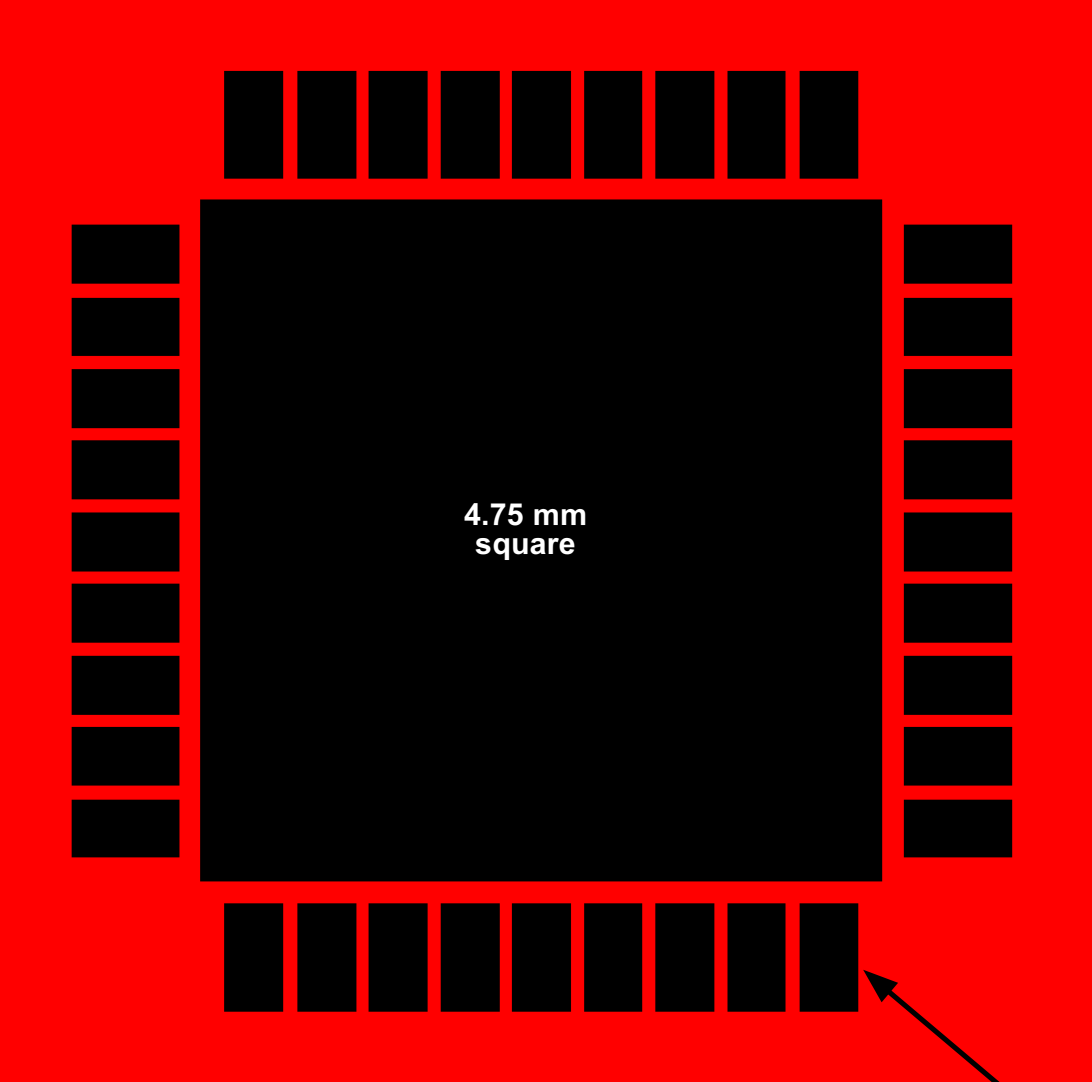


TOP ETCH with THERMAL VIAS

 = Exposed FR4

 = Exposed metal


 = Thermal Vias



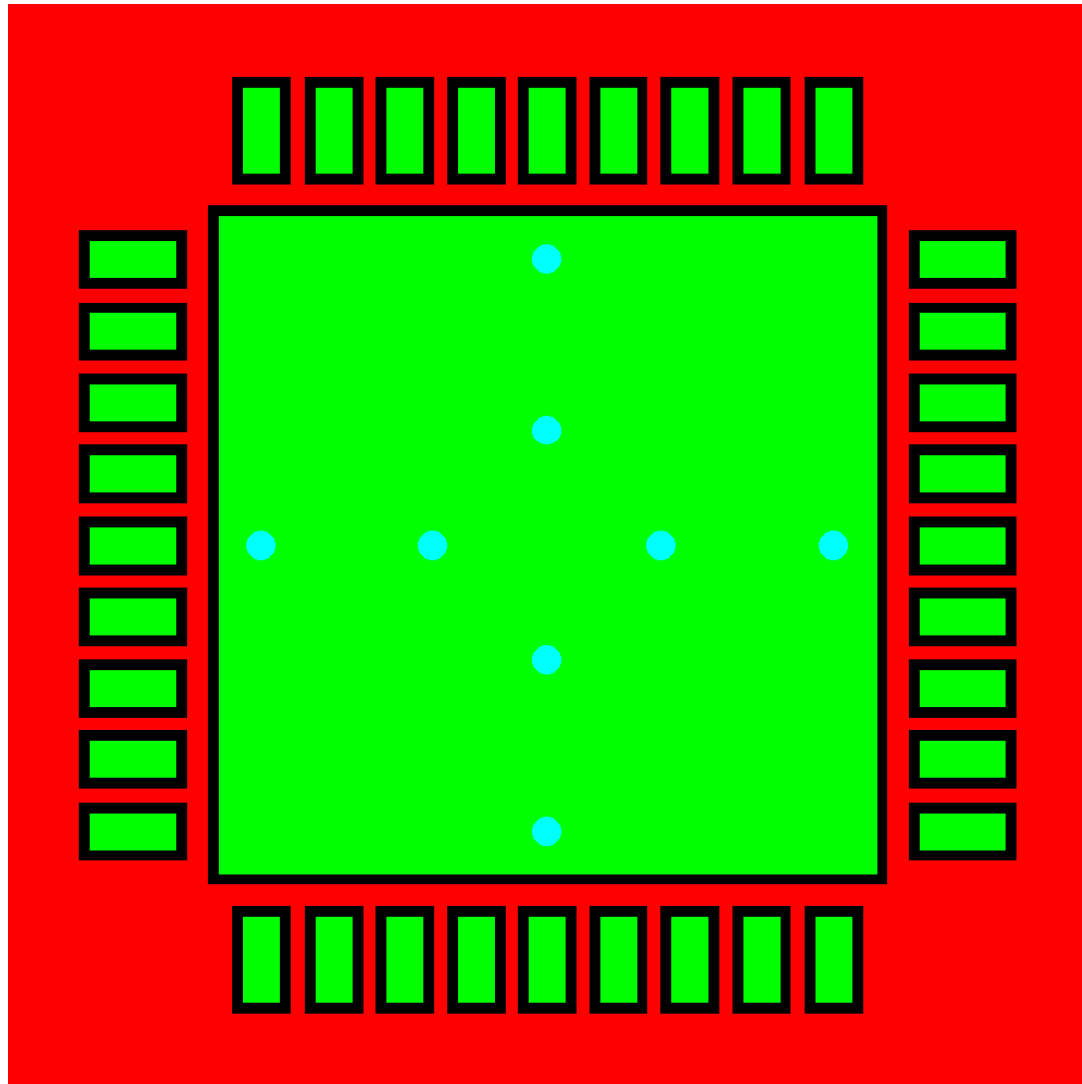
4.75 mm
square

TOP SOLDERMASK


0.4 x 0.75 mm
Typ 36 places

 = Exposed FR4


 = Mask over FR4



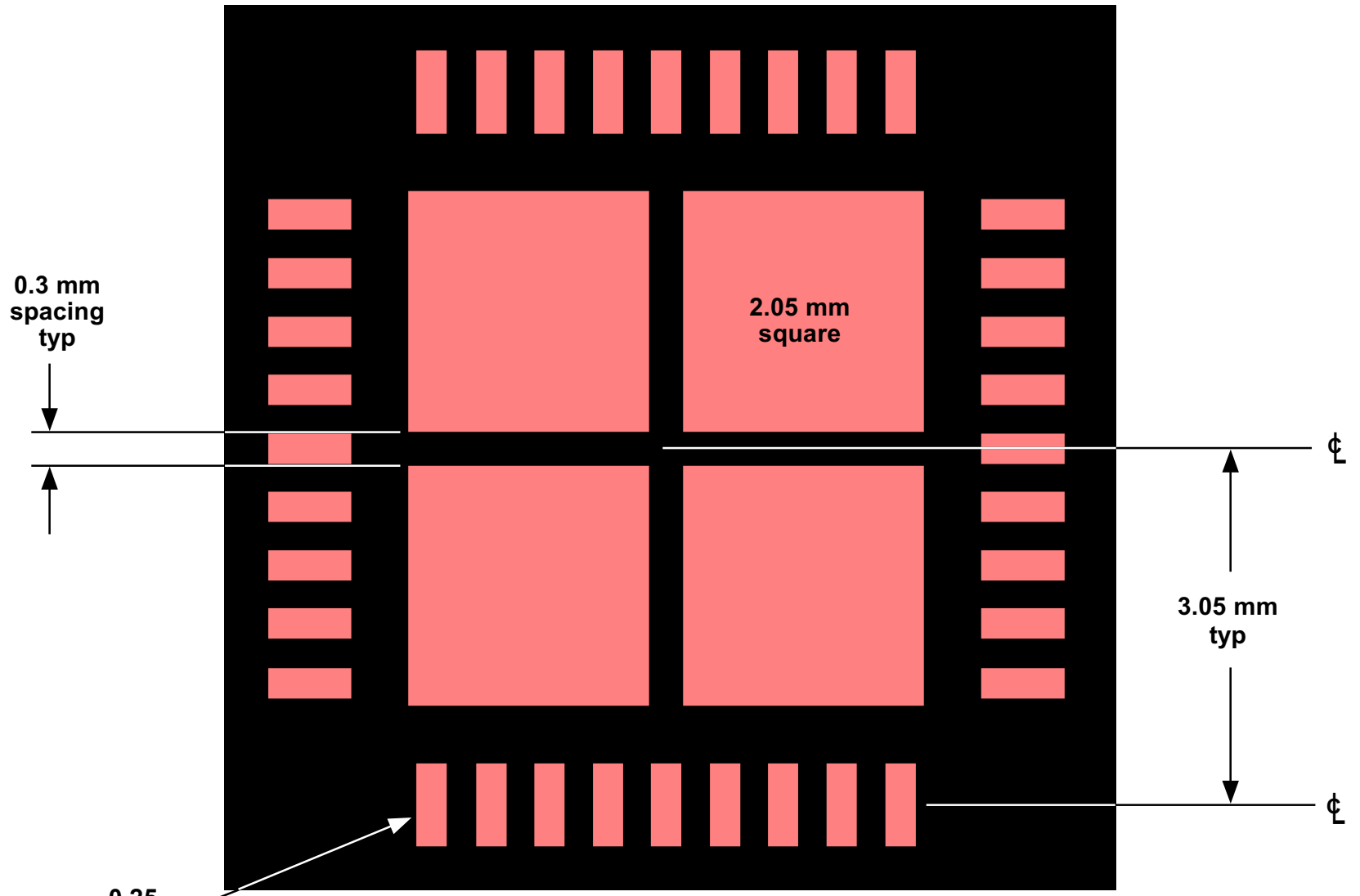
TOP ETCH + SOLDERMASK + VIAS

 = Exposed FR4


 = Exposed metal

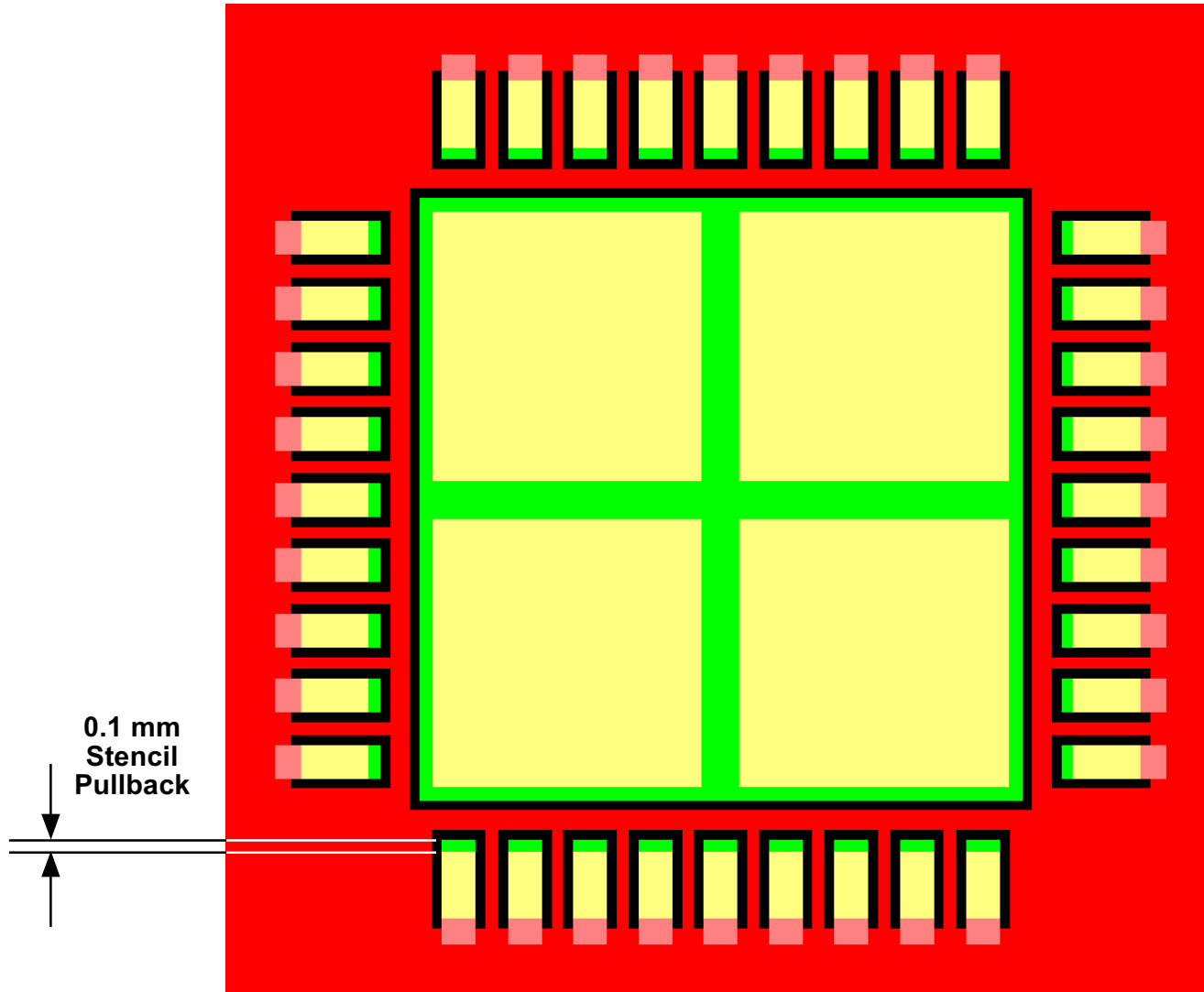
 = Thermal Vias

 = Mask over FR4

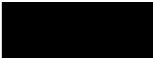



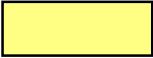


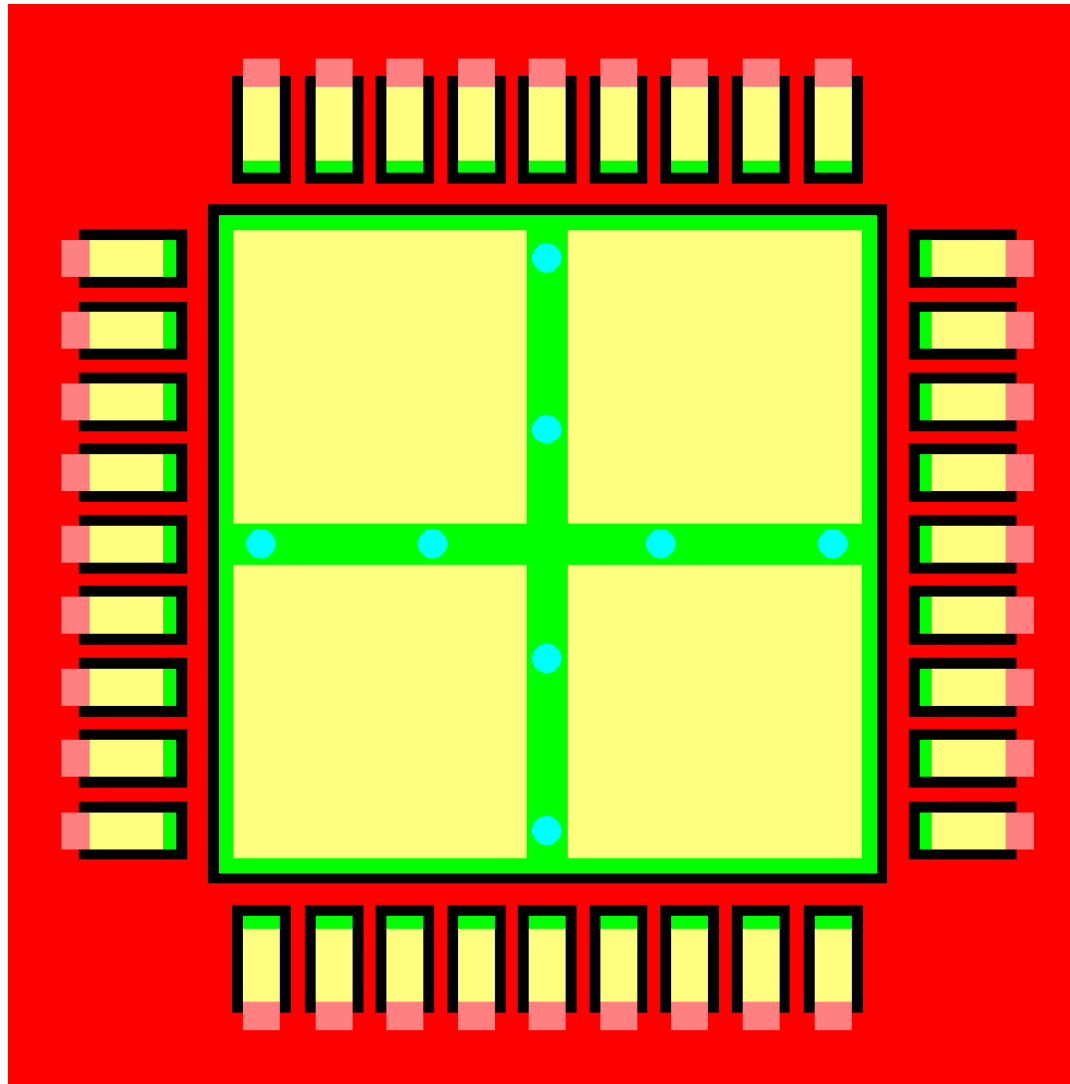
TOP SOLDERPASTE

 = Paste



TOP ETCH + SOLDERMASK + SOLDERPASTE

- | | | | | | |
|---|-----------------|---|-----------------|---|------------------------------------|
|  | = Exposed FR4 |  | = Exposed metal |  | = Paste over FR4
(0.2mm offset) |
|  | = Mask over FR4 | | |  | = Paste over
Metal |



TOP ETCH + MASK + SOLDERPASTE with VIAS

