



# Fixes for Electromigration

- The possible fixes for Electromigration include
    - Increasing the width of the metal wire
    - Adding more VIA's (for VIA failures)
    - VIA stacking (ensuring that the VIA's are able to carry the desired current). So that even though the metal's width is not sufficient the electrons will traverse only through the VIA's from the top most metal to the bottom most metal
- Metal widening**
- VIA stacking**
- Length reduction**
- Reducing the length of the metal route in order to take advantage of Blech effect (Short length effect - i.e. Metals with length lower than a threshold will be having more EM capacity)