Auto Interactive Convert Corner (AiCC)

Summary - The *Auto Interactive Convert Corner* (AiCC) command improves user efficiency for converting route corners in the Allegro design. Users interactively select Nets, Clines or Segments for conversion to arc, 45 or 90 degrees.

Command – The *Auto Interactive Convert Corner* command is invoked from the Route – Unsupported Prototypes Menu.

Options - The following options are available while running the AiCC command. User entered values are saved in the database between runs of Allegro.

- Convert Type: Conversion options of Arc, 45 and 90 degrees
- Allow in cns areas: This allows the user to control if corner conversion should be performed inside constraint regions.

Default setting = Yes

- Preferred Radius Size: Set to desired radius when "Convert Type" of Arc is enabled
- Min Radius: Minimum acceptable radius when "Convert Type" of Arc is enabled
- Preferred Corner Size: Set to desired corner size when "Convert Type" of 45 is enabled
- Min Corner Size: Minimum acceptable corner size when "Convert Type" of 45 is enabled
- Allow DRCs: DRC's are permitted for corner conversions

Find Filter – AiCC can be run on existing Nets, Clines or Segments. Hierarchical Groups may also be used to select clines (e.g. Net Classes, Diff Pairs)

Reporting – A viewlog file reports corners that failed to convert