

- Command: "ns_parea"
- Calculates the area of psm files occupied by PLACE_BOUND definitions
 - Result is written to psm_area.txt file in current directory
 - Report consist of
 - Path and name of package symbol
 - Total PLACE_BOUND area for package symbols (sum of all place_bound areas)
 - Largest PLACE_BOUND area is the size of the larges place_bound area
- 3 cases
 - Case 1 - Package Symbol
 - Case 2 – Board file – Report data (best performance)
 - Case 3 – Board file – Don't Report data

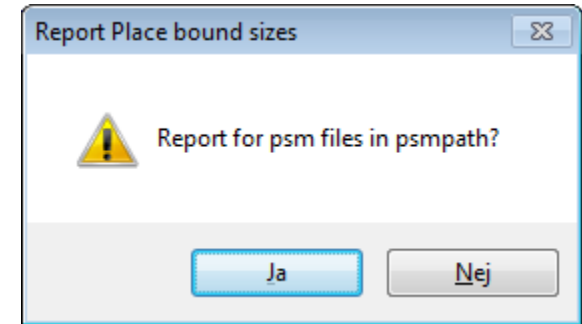
Place Bound sizes in package symbols

Search: ☐ Match word ☐ Match case

Symbol	Total Area	Largest Area
Units=Square millimeters		
E:/kunder/fptest/lga49-50p7x7_400x400x100.psm	25.0000	25.0000
C:/Cadence/SPB_16.3/share/pcb/pcb_lib/symbols/zip64_mot.psm	871.2886	871.2886
C:/Cadence/SPB_16.3/share/pcb/pcb_lib/symbols/zip60_mot.psm	823.5467	823.5467
C:/Cadence/SPB_16.3/share/pcb/pcb_lib/symbols/zip40.psm	264.5156	264.5156
C:/Cadence/SPB_16.3/share/pcb/pcb_lib/symbols/zip28.psm	154.1840	154.1840

Calculate package symbol area

- Case 1 - Package Symbol
 - Add data for open package symbol to "psm_area.txt" file in current directory
- Case 2 – Board file – Create data
 - Add data for all package symbols in psmath to "psm_area.txt" file in current directory
 - Units reported are determined by board unit settings
 - Will create 3 files for batch updating a directory of .dra files
 - "ns_psm_area_calculate.bat" run the script below on all .dra files in directory
 - "ns_parea_calculate.scr" is the script file
 - "ns_psm_area_calculate_README.txt" describes how to use the 2 files above
 - Scriptfiles will report units for each package symbol
- Case 3 – Board file – Don't create data
 - Create script and batch files as described in case 2



Best performance
obtained using Case 2
(Ja/Yes to above dialog)