

| P0 runtime | P1 runtime | area      | avg time  | performance    | Pass RTL | Pass SYN | Pass APR | Ranking score | Note                          | Note penalty | Score |
|------------|------------|-----------|-----------|----------------|----------|----------|----------|---------------|-------------------------------|--------------|-------|
| 40269102   | 35884302   | 2577.485  | 38076702  | 196284256509   | 1        | 1        | 1        | 30            |                               |              | 100   |
| 22975913   | 19616571   | 12656     | 21296242  | 539050477504   | 1        | 1        | 1        | 28            | No APR snapshot               | -2           | 96    |
| 70842318   | 59610118   | 6116.6    | 65226218  | 797925370038   | 1        | 1        | 1        | 24            |                               |              | 94    |
| 38405750   | 38405750   | 7945.206  | 38405750  | 610283190669   | 1        | 1        | 1        | 26            | No APR snapshot               | -2           | 94    |
| 51403785   | 50668485   | 8960.86   | 51036135  | 914655321352   | 1        | 1        | 1        | 22            |                               |              | 92    |
| 21955283   | 21955283   | 22481.971 | 21955283  | 987196071406   | 1        | 1        | 1        | 19            |                               |              | 89    |
| 479027173  | 486355173  | 1084.441  | 482691173 | 1046900196679  | 1        | 1        | 1        | 18            |                               |              | 88    |
| 108182454  | 100349354  | 5980.99   | 104265904 | 1247226658330  | 1        | 1        | 1        | 17            |                               |              | 87    |
| 21527348   | 20793348   | 22148.54  | 21160348  | 937341628184   | 1        | 1        | 1        | 20            | DRC: metal short              | -4           | 86    |
| 455440360  | 459877168  | 1938.4    | 457658764 | 1774251496275  | 1        | 1        | 1        | 16            | No physical view              | -1           | 85    |
| 83219666   | 82780166   | 16160.6   | 82999916  | 2682656885019  | 1        | 1        | 1        | 15            | No physical view              | -1           | 84    |
| 611543340  | 619489340  | 5704.474  | 615516340 | 7022393916210  | 1        | 1        | 1        | 14            |                               |              | 84    |
| 118769320  | 116955320  | 40860.29  | 117862320 | 9631777150546  | 1        | 1        | 1        | 13            |                               |              | 83    |
| 230727286  | 238949286  | 21745.58  | 234838286 | 10213389470552 | 1        | 1        | 1        | 12            | No physical view              | -1           | 81    |
| 602629395  | 612355395  | 2778.57   | 607492395 | 3375920287950  | 1        | 1        | 0        | 11            | APR not finish: no clock tree |              | 71    |
| NA         | NA         | NA        | NA        | NA             | 1        | 0        | 0        |               | No SYN result                 |              | 50    |
| NA         | NA         | NA        | NA        | NA             | 0        | 0        | 0        |               |                               |              | 0     |