

# Cell usage by Category

| Category    | Cells   | Count |
|-------------|---|-------|
| Fill        | <a href="#">decap</a> <a href="#">fill</a>  | 1379  |
| Tap         | <a href="#">tapvpwrvgnd</a>   | 225   |
| Combo Logic | <a href="#">and3b</a> <a href="#">a21oi</a> <a href="#">and2b</a> <a href="#">a31o</a> <a href="#">o21a</a> <a href="#">a21o</a> <a href="#">o31a</a> <a href="#">o22ai</a> <a href="#">o21ai</a> <a href="#">o21bai</a> <a href="#">or3b</a> <a href="#">a21bo</a> <a href="#">o2bb2a</a> <a href="#">o22a</a> <a href="#">o211a</a> <a href="#">and4b</a> | 54    |
| Buffer      | <a href="#">buf</a> <a href="#">clkbuf</a>  | 32    |
| Flip Flops  | <a href="#">dfrtp</a> <a href="#">dfstp</a>   | 24    |
| NOR         | <a href="#">nor2</a> <a href="#">xnor2</a> <a href="#">nor3</a>   | 23    |
| Misc        | <a href="#">dlygate4sd3</a> <a href="#">conb</a>  | 20    |
| Multiplexer | <a href="#">mux2</a>  | 15    |
| OR          | <a href="#">or2</a> <a href="#">xor2</a> <a href="#">or4</a> <a href="#">or3</a>  | 14    |
| AND         | <a href="#">and2</a> <a href="#">and3</a>   | 11    |
| NAND        | <a href="#">nand2</a> <a href="#">nand4</a>   | 10    |
| Inverter    | <a href="#">inv</a>   | 6     |

209 total cells (excluding fill and tap cells)