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Layer	Color	Representation
Well (p,n)	Yellow	
Active Area (n+,p+)	Green	
Select (p+,n+)	Green	c
Polysilicon	Red	
Metal1	Blue	
Metal2	Magenta	
Contact To Poly	Black	
Contact To Diffusion	Black	

























































Constraint-Based Compaction Approach: Overview

Build constraint graph if equality constraint add to equality constraint graph if inequality constraint find *distinguished representatives* of each vertex in constraint add constraint between *distinguished representatives* Check for cycles in inequality constraint graph If cycles exist terminate with error Solve equality constraint graph Solve inequality constraint graph

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