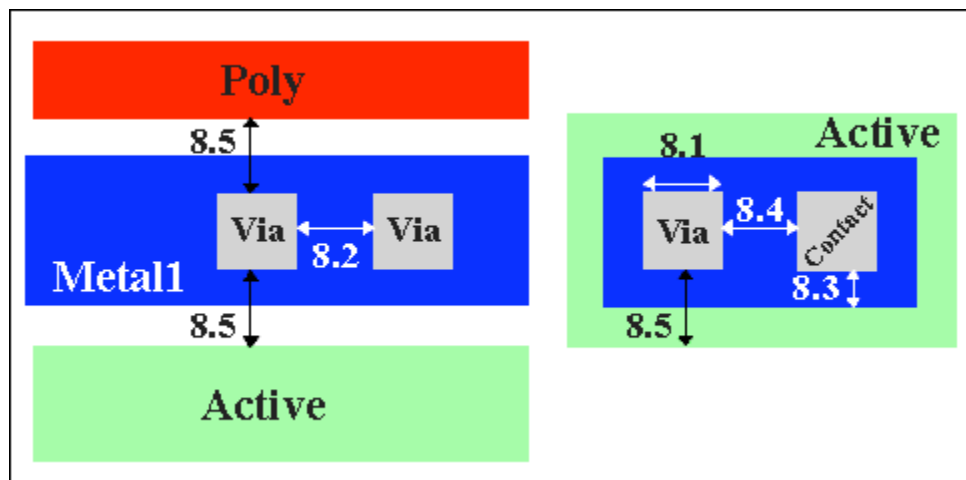


SCMOS Layout Rules - Via

Vias must be drawn orthogonal to the grid of the layout. Non-Manhattan vias are not allowed.

Rule	Description	Lambda					
		2 Metal Process			3+ Metal Process		
		SCMOS	SUBM	DEEP	SCMOS	SUBM	DEEP
8.1	Exact size	2 x 2	n/a	n/a	2 x 2	2 x 2	3 x 3
8.2	Minimum via1 spacing	3	n/a	n/a	3	3	3
8.3	Minimum overlap by metal1	1	n/a	n/a	1	1	1
8.4	Minimum spacing to contact for technology codes mapped to processes that do not allow <u>stacked vias</u> (SCNA, SCNE, SCN3M, SCN3MLC)	2	n/a	n/a	2	2	n/a
8.5	Minimum spacing to poly or active edge for technology codes mapped to processes that do not allow <u>stacked vias</u> (NOTE: list is not same as for 8.4)	2	n/a	n/a	2	2	n/a



SCMOS Layout Rules - Metal2

Rule	Description	Lambda					
		2 Metal Process			3+ Metal Process		
		SCMOS	SUBM	DEEP	SCMOS	SUBM	DEEP
9.1	Minimum width	3	n/a	n/a	3	3	3
9.2	Minimum spacing	3	n/a	n/a	3	3	4
9.3	Minimum overlap of via1	1	n/a	n/a	1	1	1
9.4	Minimum spacing when either metal line is wider than 10 lambda	6	n/a	n/a	6	6	8

