









































3		urated Device	
Parameter	Relation	General Scaling	-
	Relation	1/S	
W, L, t_{ox}		1/3 1/U	
$V_{DD'} V_T$	1//14/ 2		
N _{SUB}	V/W _{depl} ²	S ² /U	
Area / Device	WL	1/S ²	
C _{ox}	1/t _{ox}	S	
C _{gate}	C _{ox} W L	1/S	
k _n , k _p	$C_{ox} W/L$	S	
I _{sat}	C _{ox} W V	1/U	
Current Density	I _{sat} / Area	S²/U	
R _{on}	V/I _{sat}	1	
Intrinsic Delay	R _{on} C _{gate}	1/S	
Power / Device	I _{sat} V	1/U ²	
Power Density	P / Area	S ² /U ²	









