



Transistor Widths in Superbuffers by Stage

	Superbuffer 0	Superbuffer 1	Superbuffer 2	Superbuffer 3
Stage 1—PMOS	720n	720n	720n	720n
Stage 1—NMOS	360n	360n	360n	360n
Stage 2—PMOS	2.52u	3.60u	4.32u	4.68u
Stage 2—NMOS	1.26u	1.80u	2.16u	2.34u
Stage 3—PMOS	8.82u	18.00u	25.92u	30.42u
Stage 3—NMOS	4.44u	9.00u	12.96u	15.24u
Stage 4—PMOS	30.90u	90.00u	155.52u	197.76u
Stage 4—NMOS	15.42u	45.00u	77.76u	98.88u
PMOS-to-NMOS	2	2	2	2
Scaling Factor be-	3.5	5.0	6.0	6.5
Pull-Up Width	360n	360n	360n	360n