

This library was originally developed by the Illinois Institute of Technology and was known as the IIT_LIB.

Cell	Dim.	I/ O	Tr. Count	Func.
AND2X1	108x48	A;B;Y	3;3	$Y=AB$
AND2X2	108x48	A;B;Y	3;3	$Y=AB$
AOI21X1	108x48	A;I3;C;Y	3;3	$Y=((AI3)+C)'$
AOI22X1	108x46	A;B;C;D;Y	4;4	$Y=((AB)+(CD))'$
BUFX2	108x54	A;Y	2;2	$Y=A$
BUFX4	108x33	A;Y	2;2	$Y=A$
DFFNEGX1	108x46	CLK;D;Q;Qbar	11;11	DFF, Neg Edge
DFFPOSX1	108x112	CLK;D;Q;Qbar	11;11	DFF, Pos Edge
FAX1	108x131	A;B;C;YS;YC	13;13	FAdder
FILL	108x24			Filler cell
HAX1	108x89	A;I3;YS	6;6	HAdder
INVX1	108x35	A;Y	1;1	$Y=N$
INVX1	108x35	A;Y	1;1	$Y=A'$
INVX1	108x37	A;Y	1;1	$Y=A'$
INVX1	108x54	A;Y	1;1	$Y=A'$
MUX2X1	108x58	S;A;B;Y	4;4	$Y=S'A+SB$
NAND2X1	108x40	A;B;Y	2;2	$Y=(AB)'$
NAND3X1	108x48	A;B;C;Y	3;3	$Y=(ABC)'$
NOR2X1	108x40	A;I3;Y	2;2	$Y=(A+I3)'$
NOR3X1	108x48	A;B;C;Y	3;3	$Y=(A+B+C)'$
OAI21X1	108x42	A;B;C;Y	3;3	$Y=((A+B)C)'$
OAI22X1	108x54	A;I3;C;D;Y	4;4	$Y=((A+I3)(C+D))'$
OR2X1	108x48	A;I3;Y	3;3	$Y=(A+I3)$
OR2X2	108x42	A;B;Y	3;3	$Y=(A+B)$
TBUFX1	108x47	EN;A;Y	3;3	$Y=(EN.A')$
TI3UFX2	108x65	EN;A;Y	3;3	$Y=(EN.A')$
XOR2X1	108x72	A;I3;Y	5;5	$Y=A'I3+AI3'$
XNOR2X1	108x72	A;B;Y	5;5	$Y=(A'B+AB')$