

Full-Adder Truth Table				
Carry in	A in	B in	Sum (out)	Carry (out)
1	1	1	1	1
1	1	0	0	1
1	0	1	0	1
1	0	0	1	0
0	1	1	0	1
0	1	0	1	0
0	0	1	1	0
0	0	0	0	0