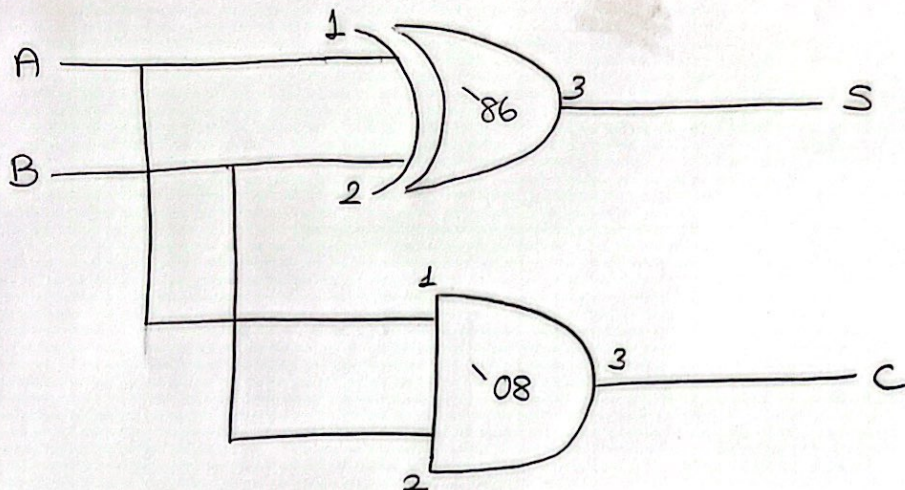


HALF ADDER



IC List

- ① One 74LS08 Quad 2-Input And Gate
- ② One 74LS86 Quad 2-Input XOR Gate

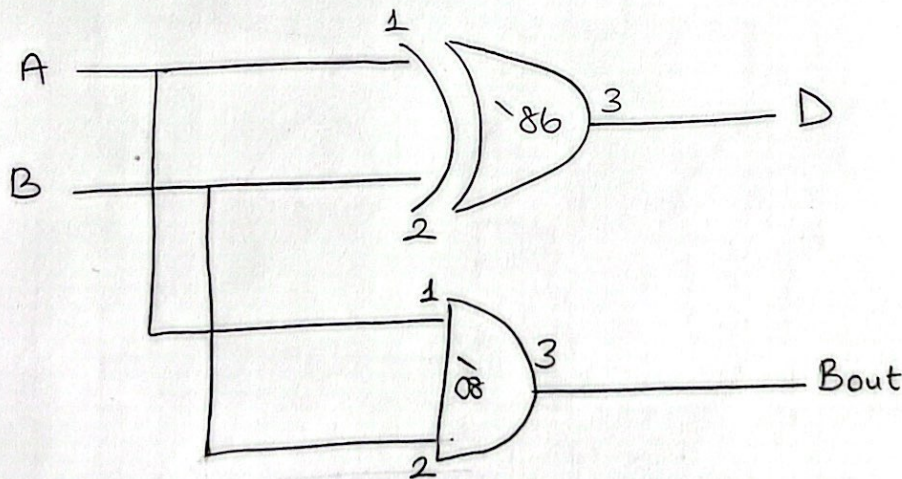
★ 74LS08

GND - 7
+5V - 14

★ 74LS86

GND - 7
+5V - 14

HALF SUBTRACTOR



IC List

- ① One 74LS08 Quad 2-Input And Gate
- ② One 74LS86 Quad 2-Input XOR Gate

★ 74LS08

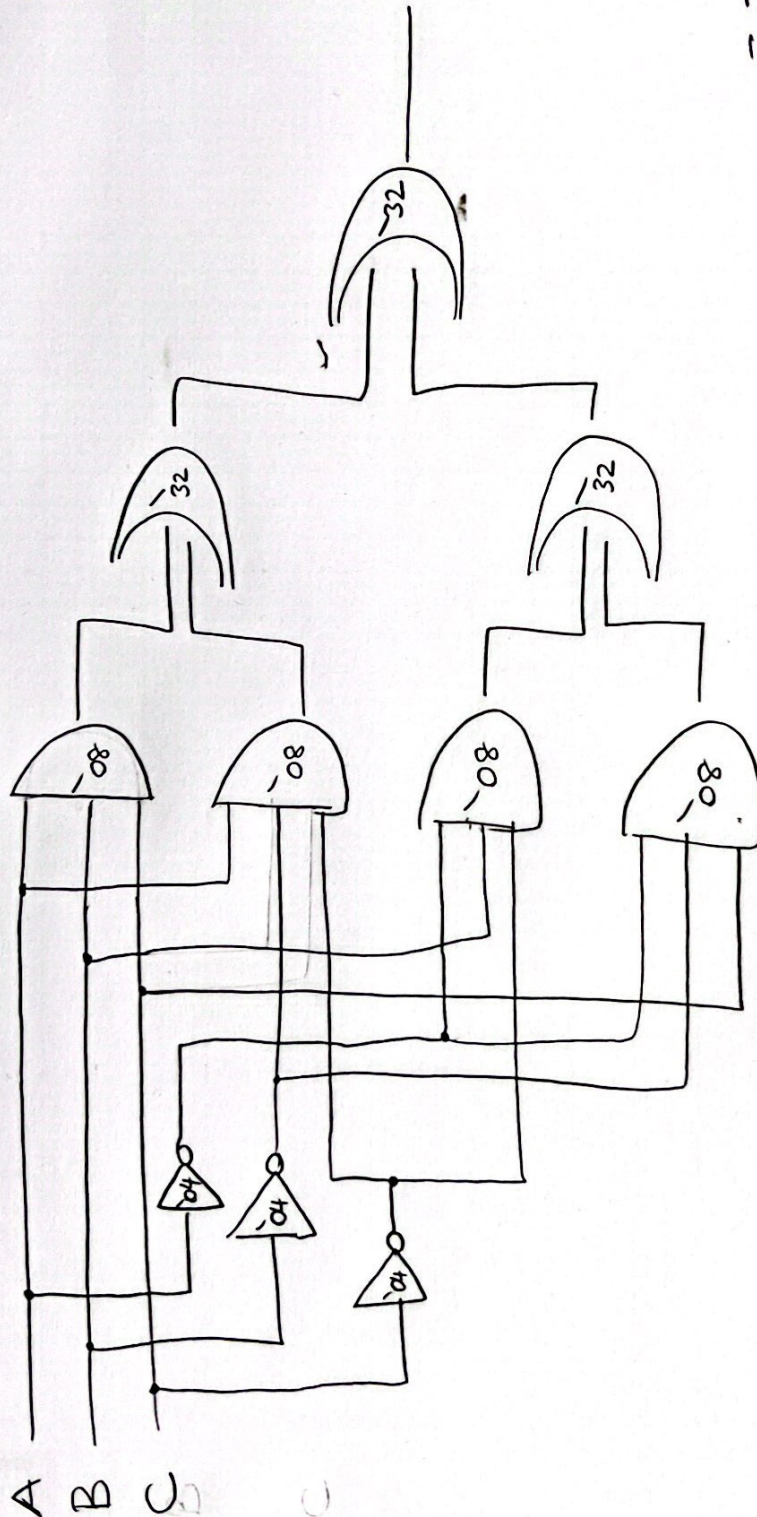
GND - 7
+5V - 14

★ 74LS86

GND - 7
+5V - 14

THREE INPUT XOR GATE

A	B	C	Y
0	0	0	0
0	0	1	1
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	1



IC List

- ① Three 74LS04 HEX Inverting Gate
- ② Four 74LS08 Quad 2-Input And Gate
- ③ Three 74LS32 Quad 2-Input OR Gate

★ 74LS04
GND - 7
+5V - 14

★ 74LS08
GND - 7
+5V - 14

★ 74LS32
GND - 7
+5V - 14