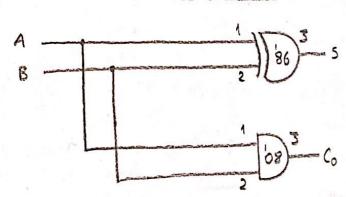
C5223

Lab 1 Preliminary Work

Can Avear 21902111

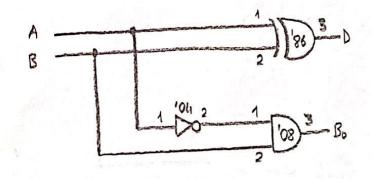
Half Adder Circuit Schematic



IC List 186 3 1 One 74LS86 Quad 2-Input XOR Gate
2 One 74LS08 Quad 2-Input AND Gate

JULS 08
6ND-7
+5V - 14

Half Substractor Circuit Schematic



IC List 1 One 74LS86 Quad 2-Input XOR Gate

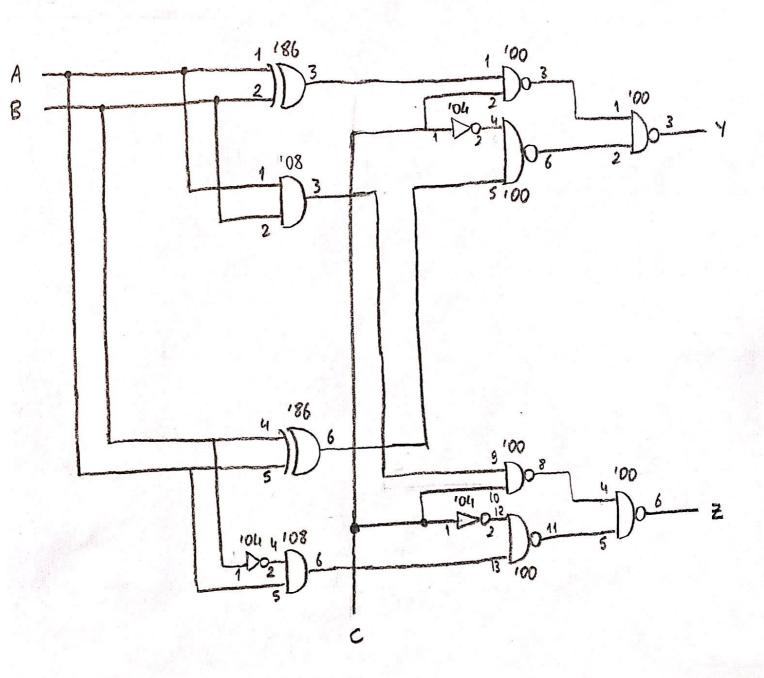
2 One 74LSOU HEXInverting Gate

3 One 74LSOS Quad 2-Input AND Gate

74LS 86	741504	74L508
6ND - 7	GND-7	GND-7
45V - 14	45V - 14	t5V -14

Lab Calculator Circuit Schematic

I have limited space here so the circuit schematic is in the NEXT PAGE.



IC List

- 1 One 741586 Quad 2-Input XOR Gate
- 2 One FULSON Quad HEXINVENING Gate
- 3 One 74LSO8 Quad 2-Input AND Gate
- 4 Two 74L800 Quad 2-Input NAND Gate

74L586	7 ulsou	741508	<u>741500</u> GND-7
GND-7	GND-7	GND-7	
tsv - 14	45V-14	+51-14	45V-14