Nama : Sang Aji Indutoro
NIM   : L200180003

Percobaan 1. Gerbang AND
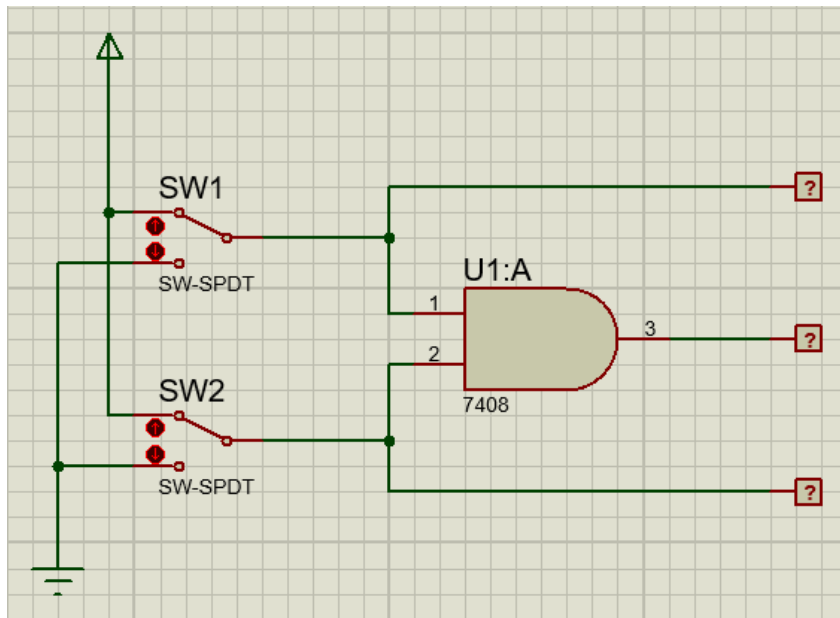
Tabel kebenaran

SW 1	SW 2	L1	L2	L3
0	0	0	0	0
1	0	1	0	0
0	1	0	1	0
1	1	1	1	1

Diagram waktu
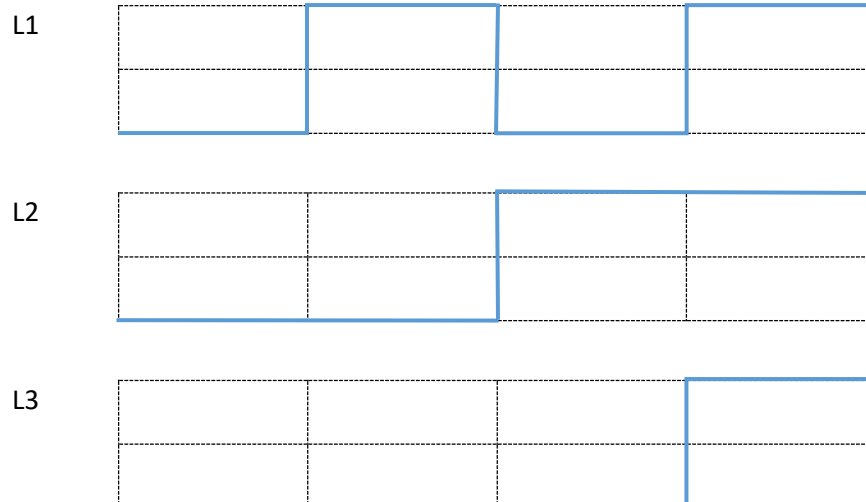
L1

L2

L3

Nama : Sang Aji Indutoro
NIM   : L200180003

Percobaan 2. Gerbang OR
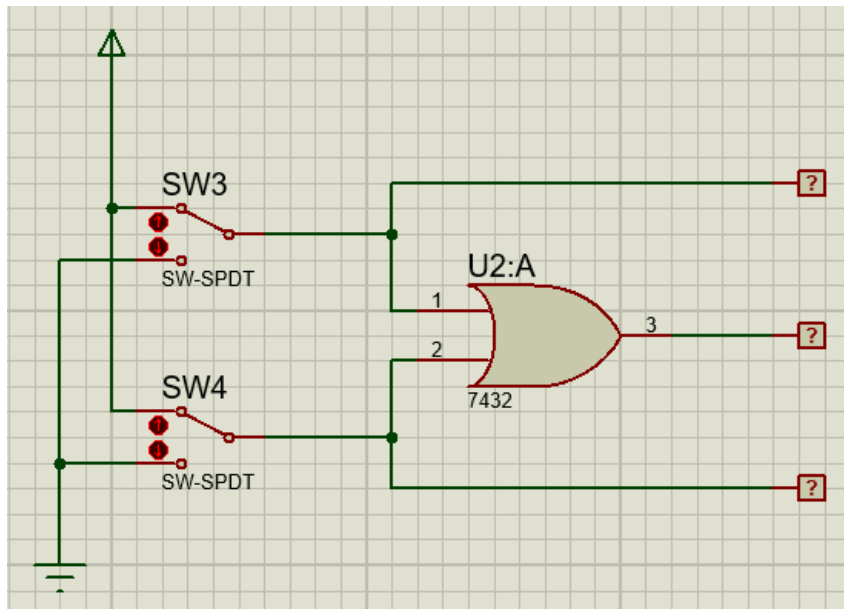
Tabel kebenaran

SW 1	SW 2	L1	L2	L3
0	0	0	0	0
1	0	1	0	1
0	1	0	1	1
1	1	1	1	1

Diagram waktu

L1

L2

L3
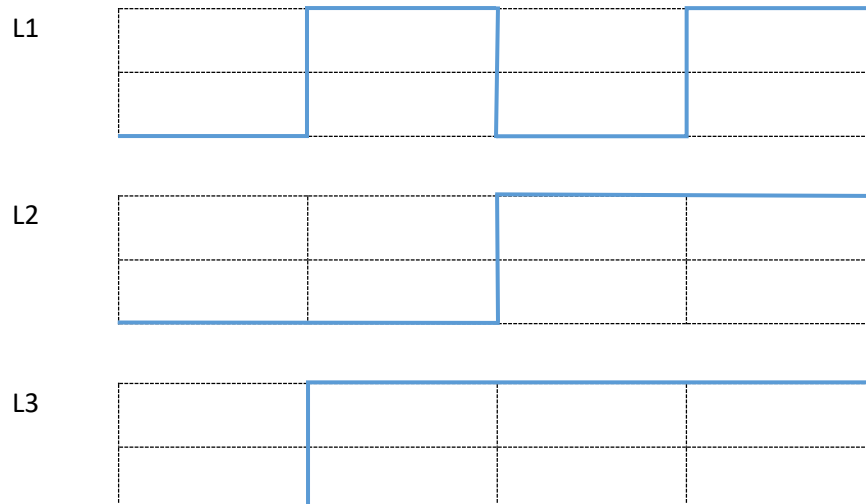
Nama : Sang Aji Indutoro
NIM   : L200180003

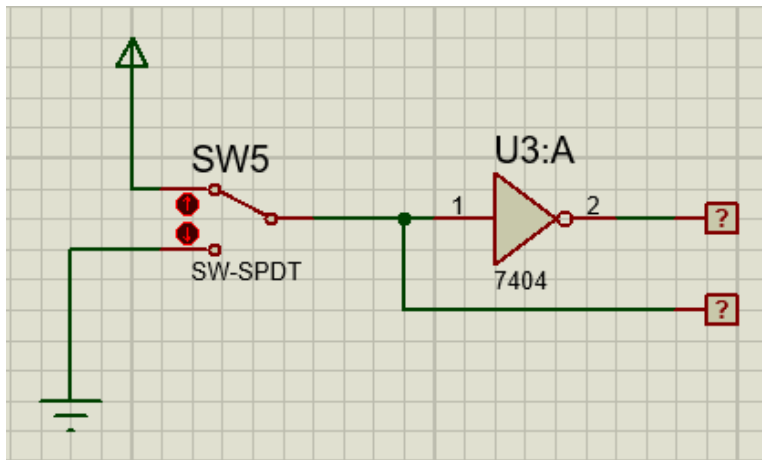**Percobaan 3. Gerbang NOT**

Tabel kebenaran

SW 1	L2	L1
0	0	1
1	1	0

Diagram waktu

L2

L1
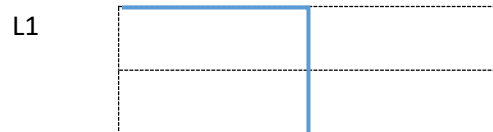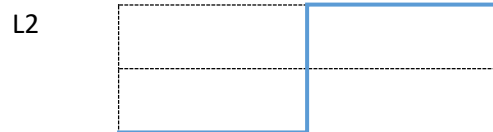
Nama : Sang Aji Indutoro
NIM   : L200180003

Percobaan 4. Gerbang NAND
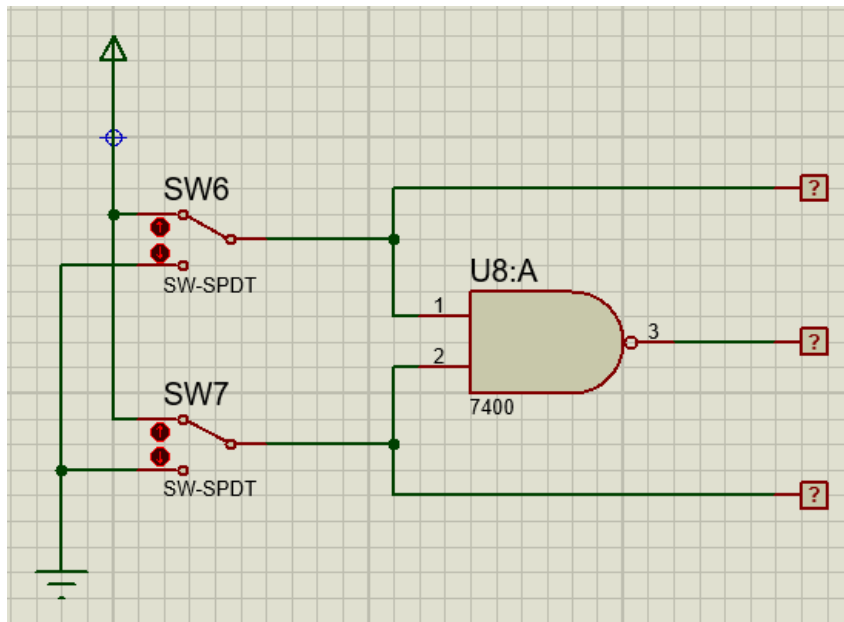
Tabel kebenaran

SW 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	1
0	1	0	1	1
1	1	1	1	0

Diagram waktu

L1

L2

L3
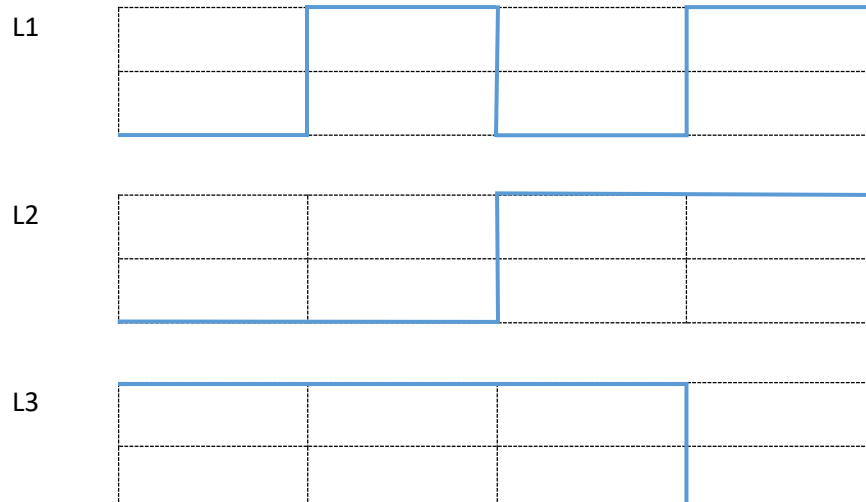
Nama : Sang Aji Indutoro
NIM   : L200180003

Percobaan 5. Gerbang NOR
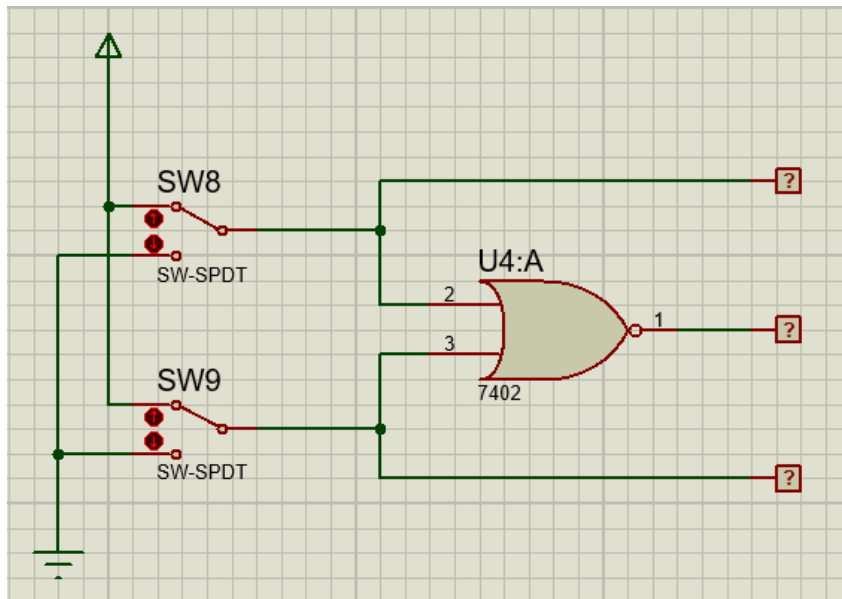
Tabel kebenaran

SW 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	0
0	1	0	1	0
1	1	1	1	0

Diagram waktu

L1

L2

L3
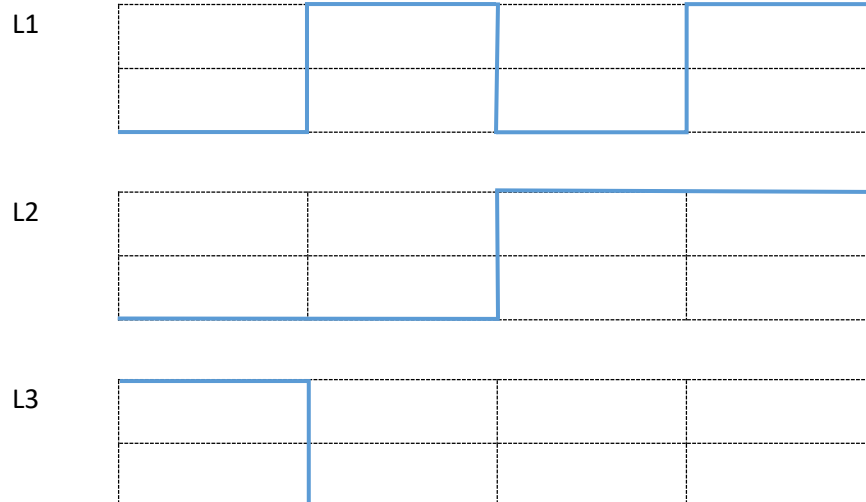
Nama : Sang Aji Indutoro
NIM   : L200180003

Percobaan 6. Gerbang XOR
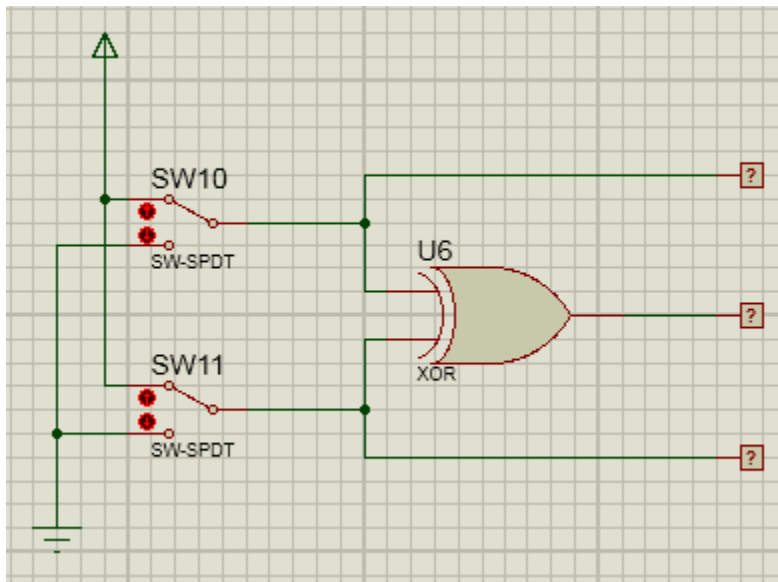
Tabel kebenaran

SW 1	SW 2	L1	L2	L3
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1	0	1	0	1
0	1	0	1	1
1	1	1	1	0

Diagram waktu

L1

L2

L3
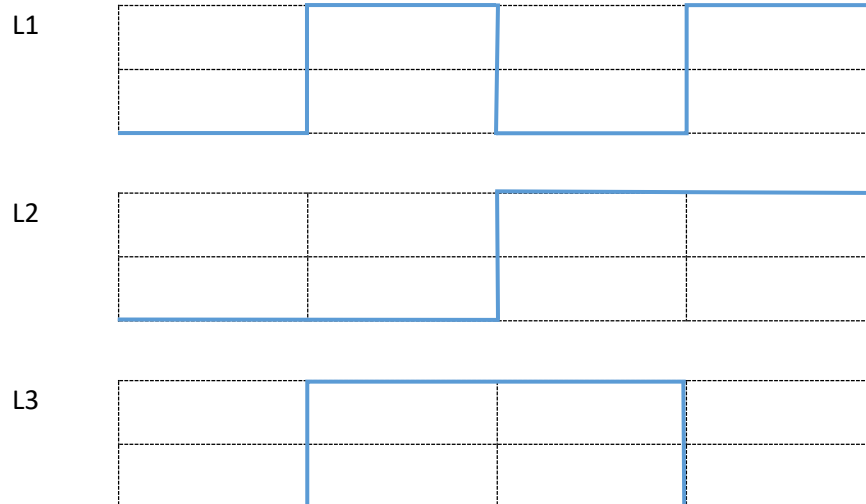
Nama : Sang Aji Indutoro
NIM   : L200180003

Percobaan 7. Gerbang XNOR

Tabel kebenaran

SW 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	0
0	1	0	1	0
1	1	1	1	1

Diagram waktu

L1

L2

L3