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</a><div style="text-align: left;"><a name="5">
</a><a href="#6">3. Video Simulasi</a></div>
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</a><a href="#8">4. Prinsip kerja </a><br />
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Gambar rangkaian simulasi [kembali]</p><p style="font-family: Arial, Tahoma, Helvetica,
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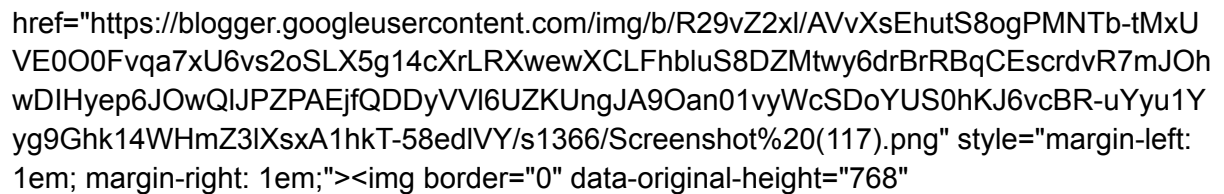
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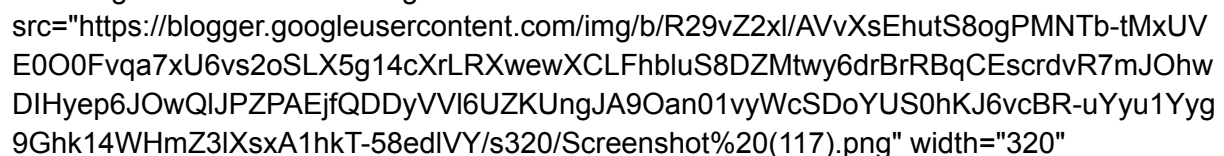
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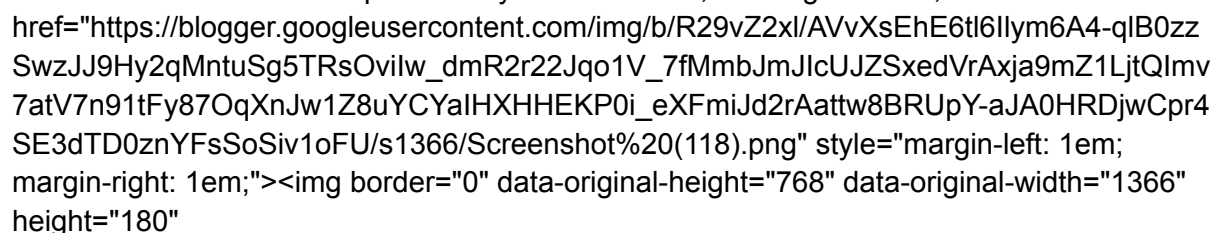
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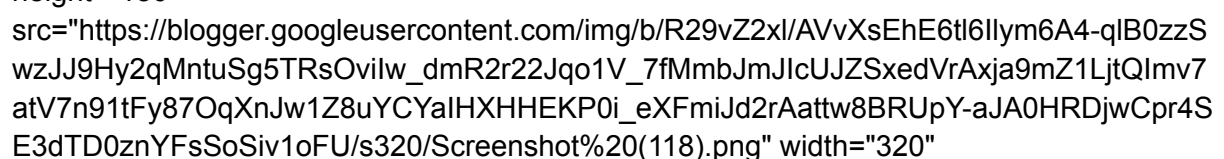
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Buatlah sebuah rangkaian lengkap yang memuat 3 gerbang NAND dengan 3 input dan 4 input, kemudian gerbang OR dengan 3 dan 4 input, kemudian 1 gerbang XOR dan 1 gerbang XNOR. Dan output akhir

rangkaian keseluruhannya ditunjukkan dengan LED atau LOGIC PROBE. Dimana input awal berupa 3 saklar SPDT." style="font-family: inherit; font-size: 11pt;">3. Video simulasi [kembali]</p><p style="font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px;

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style="box-sizing: border-box;"><li style="box-sizing: border-box;">Pada U11 terdapat 2 input yang keduanya berlogika 1. Maka 1 dan 1 adalah genap, jadi output = 0.<br style="box-sizing: border-box;" />Kemudian ada gerbang XNOR. Gerbang XNOR adalah kebalikan dari XOR. XNOR menggunakan prinsip XOR dan NOT, yang mana ketika hasil input genap maka outputnya 1, begitu juga sebaliknya.<ul style="box-sizing: border-box;"><li style="box-sizing: border-box;">Pada U13 terdapat 2 input yang berlogika 0. $0+0=0$, karena genap maka output yang dihasilkan berlogika 1. Dapat dilihat hasilnya pada LOGIC PROBE yang bernilai 1.<p></p><p style="text-align: left;"></p><p style="font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px; text-align: left;"><span data-sheets-userformat="{"2":15231,"3":{"1":0,"4":{"1":2,"2":16777215},"5":{"1":{"1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"6":{"1":{"1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"7":{"1":{"1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"8":{"1":{"1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"9":0,"11":4,"12":0,"14":{"1":2,"2":0},"15":","docs-Calibri,Arial","16":11}" data-sheets-value="{"1":2,"2":"}"Buatlah sebuah rangkaian

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[illegible]

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data-sheets-userformat="{"2":15231,"3":{"1":0},"4":{"1":2,"2":16777215},"5":{"1":["1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"6":{"1":["1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"7":{"1":["1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"8":{"1":["1":2,"2":0,"5":{"1":2,"2":0}},"1":0,"2":0,"3":3},{"1":1,"2":0,"4":1}},"9":0,"11":4,"12":0,"14":{"1":2,"2":0},"15":"docs-Calibri, Arial","16":11}"

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