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<a href="#">[KEMBALI KE MENU SEBELUMNYA]</a></div>
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<b>DAFTAR ISI</b>
<br />
<div style="text-align: left;">
<a href="#kondisi">1. Jurnal</a></div>
<div style="text-align: left;">
<a href="#hardware">2. Alat dan Bahan</a></div>
<div style="text-align: left;">
<a href="#rangkaian">3. Rangkaian Simulasi</a></div>
<div style="text-align: left;">
<a href="#flowchart">4. Prinsip Kerja Rangkaian</a></div>
<div style="text-align: left;">
<a href="#listing">5. Video Rangkaian</a></div>
<div style="text-align: left;">
<a href="#video">6. Analisa</a></div>
<div style="text-align: left;">
<a href="#prinsip">7. Link Download</a><br />
</div>
</div>
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1px 5px; padding: 5px; position: relative;" width="354" /><div style="background-color: white; color: #222222; font-family: Cambria; font-size: 16.5px;"><div>a. Panel DL 2203C</div></div><div style="background-color: white; color: #222222; font-family: Cambria; font-size: 16.5px;">b. Panel DL 2203D</div><div style="background-color: white; color: #222222; font-family: Cambria; font-size: 16.5px;">c. Panel DL 2203S</div><div style="background-color: white; color: #222222; font-family: Cambria; font-size: 16.5px;"><div>d. Jumper<div class="separator" style="clear: both; text-align: center;"></div><div class="separator" style="clear: both; text-align: center;"><div class="separator" style="clear: both; color: #5e5e5e; font-family: times, "times new roman"; serif; outline: 0px; transition: all 0.3s ease 0s;"><div class="separator" style="clear: both; outline: 0px; transition: all 0.3s ease 0s;"><div class="separator" style="clear: both; outline: 0px; transition: all 0.3s ease 0s;"><h4 style="clear: both; color: #010101; margin: 0px 0px 15px; outline: 0px; padding: 0px; position: relative; text-align: left; transition: all 0.3s ease 0s;"> Bahan </h4><div class="separator" style="clear: both; outline: 0px; text-align: left; transition: all 0.3s ease 0s;"> 1. IC 74LS112</div><table align="center" cellpadding="0" cellspacing="0" class="tr-caption-container" style="border-collapse: collapse; border-spacing: 0px; margin-bottom: 0.5em; margin-left: auto; margin-right: auto; outline: 0px; padding: 4px; position: relative; transition: all 0.3s ease 0s;"><tbody style="outline: 0px; transition: all 0.3s ease 0s;"><tr style="outline: 0px; transition: all 0.3s ease 0s;"><td style="outline: 0px; text-align: center; transition: all 0.3s ease 0s;"></td></tr><tr style="outline: 0px; transition: all 0.3s ease 0s;"><td
class="tr-caption" style="font-size: 12px; outline: 0px; text-align: center; transition: all 0.3s ease
0s;">Gambar 3. IC 74LS112</td></tr></tbody></table><div class="separator" style="clear: both; outline:
0px; transition: all 0.3s ease 0s;"><br style="outline: 0px; transition: all 0.3s ease 0s;" /></div><div
class="separator" style="clear: both; outline: 0px; text-align: left; transition: all 0.3s ease 0s;"><span
style="outline: 0px; transition: all 0.3s ease 0s;"> </div></div><div class="separator"
style="clear: both; outline: 0px; text-align: left; transition: all 0.3s ease 0s;">2. Logic
Probe</div></div><table align="center" cellpadding="0" cellspacing="0" class="tr-caption-container"
style="border-collapse: collapse; border-spacing: 0px; margin-bottom: 0.5em; margin-left: auto;
margin-right: auto; outline: 0px; padding: 4px; position: relative; transition: all 0.3s ease 0s;"><tbody
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0.3s ease 0s;"><td class="tr-caption" style="font-size: 12px; outline: 0px; text-align: center; transition: all
0.3s ease 0s;">Gambar 5. Logic Probe</td></tr></tbody></table><div class="separator" style="clear:
both; outline: 0px; transition: all 0.3s ease 0s;"><br style="outline: 0px; transition: all 0.3s ease 0s;"
</div><div class="separator" style="clear: both; outline: 0px; text-align: left; transition: all 0.3s ease
0s;">3. Switch (SW-SPDT)</div><br style="outline: 0px; transition: all 0.3s ease 0s;" /><table
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collapse; border-spacing: 0px; margin-bottom: 0.5em; margin-left: auto; margin-right: auto; outline: 0px;
padding: 4px; position: relative; transition: all 0.3s ease 0s;"><tbody style="outline: 0px; transition: all
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center; transition: all 0.3s ease 0s;"><a
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0s;"></td></tr><tr style="outline: 0px; transition: all 0.3s ease 0s;"><td class="tr-caption" style="font-size: 12px; outline: 0px; text-align: center; transition: all 0.3s ease 0s;">Gambar 6. Switch (SW-SPDT)</td></tr></tbody></table><br style="outline: 0px; transition: all 0.3s ease 0s;" /><div style="outline: 0px; text-align: left; transition: all 0.3s ease 0s;"><br style="outline: 0px; transition: all 0.3s ease 0s;" /></div></div></div><div class="separator" style="clear: both; color: #5e5e5e; font-family: times, "times new roman"; serif; outline: 0px; transition: all 0.3s ease 0s;"><div class="separator" style="clear: both; font-family: "Times New Roman"; outline: 0px; transition: all 0.3s ease 0s;"><div style="outline: 0px; text-align: left; transition: all 0.3s ease 0s;"> 4. Power Supply DC<br style="outline: 0px; transition: all 0.3s ease 0s;" /></div><br style="outline: 0px; transition: all 0.3s ease 0s;" /></div><table align="center" cellpadding="0" cellspacing="0" class="tr-caption-container" style="border-collapse: collapse; border-spacing: 0px; font-family: "Times New Roman"; margin-bottom: 0.5em; margin-left: auto; margin-right: auto; outline: 0px; padding: 4px; position: relative; transition: all 0.3s ease 0s;"><tbody style="outline: 0px; transition: all 0.3s ease 0s;"><tr style="outline: 0px; transition: all 0.3s ease 0s;"><td style="outline: 0px; text-align: center; transition: all 0.3s ease 0s;"></td></tr><tr style="outline: 0px; transition: all 0.3s ease 0s;"><td class="tr-caption" style="font-size: 12px; outline: 0px; text-align: center; transition: all 0.3s ease 0s;">Gambar 7. Power DC</td></tr></tbody></table><br style="outline: 0px; transition: all 0.3s ease 0s;" /></div><div class="separator" style="clear: both; color: #5e5e5e; font-family: times, "times new roman"; serif; outline: 0px; text-align: left; transition: all 0.3s ease 0s;">5. LED </div><div class="separator" style="clear: both; color: #5e5e5e; font-family: times, "times new roman"; serif; outline: 0px; text-align: left; transition: all 0.3s ease 0s;"><br style="outline: 0px; transition: all 0.3s ease 0s;" /></div><div class="separator" style="clear: both; color: #5e5e5e; font-family: times, "times new roman"; serif; outline: 0px; transition: all 0.3s ease 0s;"><a href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEj545kLZwyRgdqJjyA-V5vy55YVcblCDBzSQCXZKLRh5xmKf2QHKNLQilt_PdZIU77FxrSGmiTOafujGdf4I4Zf2OQ3AiFqlojA232pBAiWshnAiKCsRYq9hjWUEkMBfz_xWvIXLGxv7jbjGj4_LsV3FDndOR9OXKM3GeDg2Y9JzYF2LTrOOqoaNW8C/s707/WhatsApp%20Image%202022-07-06%20at%2000.53.39.jpeg" style="clear: none; color: #999999; float: none !important; font-family: Poppins, sans-serif; margin-left: 1em; margin-right: 1em; outline: 0px;

inputnya hanya terdapat pada jk flipflop pertama atau pada paling kanan saja sehingga saat clock yang mula mula dari 0 menuju rise time. maka output jk flipflop yang pertama tidak ada perubahan begitu juga pada jk stereusnya.</div><div>kemudian saat clock tersebut dalam keadaan fall time maka jk flipflop pertama akan berubah menjadi 1. namun jk flipflop kedua tidak berpengaruh karena jk flipflop kedua bergantung pada output di jk flipflop pertama sehingga terjadi delay time. sehingga clock ic kedua dalam keadaan rise time sehingga output ic kedua berlogika 0 begitun seterusnya sampai ic ketiga dan keempat mendapat kenaikan atau penurunan dari flipflop. Jika Di amati Timing diagramnya maka untuk Output dari Flip flop pertama akan membentuk pola (01010101010101), lalu unttuk output pada flip flop 2 karena ia clocknya menyesuaikan dengan output Q sebelumnya maka pola untuk flip flop ke dua ialah (0011001100110011), begitu juga dengan flip flop ke tiga dengan pola (0000111100001111) dan terakhir karna pada rangkaian hanya memakai 4 flip flop maka untuk inputan clock pada flip flop ke empat ini berasal dari output Q pada Flip Flop ketiga sehingga nantinya akan memebentuk pola berikut jika Counter Up (0000000011111111). Pola tersebut benar adanya setelah di buktikan dengan menganalisa rangkaian dalamnya lalu mengilustrasikannya di timing diagram.</div><div>
</div>

5. Video Rangkaian

[Kembali]</div><div><div class="separator" style="clear: both; text-align: center;"><iframe allowfullscreen="" class="BLOG_video_class" height="266" src="https://www.youtube.com/embed/xgyzs5XuOfw" width="320" youtube-src-id="xgyzs5XuOfw"></iframe></div>

6. Analisa

[Kembali]</div><div>
</div><div>

7. Link Download

[Kembali]

</div><div><div style="background-color: white; color: #5e5e5e; font-family: "Times New Roman"; font-size: 15px; outline: 0px; transition: all 0.3s ease 0s;">Download HTML [Klik Disini]</div><div style="background-color: white; color: #5e5e5e; font-family: "Times New Roman"; font-size: 15px; outline: 0px; transition: all 0.3s ease 0s;">Download Video Simulasi [Klik Disini]</div><div style="background-color: white; color: #5e5e5e; font-family: "Times New Roman"; font-size: 15px; outline: 0px; transition: all 0.3s ease 0s;">Download Datasheet 74LS112 [Klik Disini]</div><div style="background-color: white; color: #5e5e5e; font-family: "Times New Roman"; font-size: 15px; outline: 0px; transition: all 0.3s ease 0s;">Download Datasheet 7474 [Klik Disini]</div><div style="background-color: white; color: #5e5e5e; font-family: "Times New Roman"; font-size: 15px; outline: 0px; transition: all 0.3s ease 0s;">Download Datasheet SPDT [Klik Disini]</div></div></div>