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<br />
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<b>DAFTAR ISI</b>
<br />
<div style="text-align: left;">
<a href="#kondisi">1. Kondisi</a></div>
<div style="text-align: left;">
<a href="#hard">2. Gambar Rangkaian Simulasi</a></div>
<div style="text-align: left;">
<a href="#rangkaian">3. Video 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. Link Download</a></div>

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roman&quot; , serif;"><span style="font-family: &quot;times&quot; , &quot;times new
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<a href="#home">[Kembali]</a></span></span></div><div><span style="font-family:
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<w:LsdException Locked="false" Priority="51" Name="Grid Table 6 Colorful"/>
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[illegible]

[illegible]

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</xml><![endif]--><!--[if gte mso 10]>
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/* Style Definitions */
table.MsoNormalTable
{mso-style-name:"Table Normal";
  mso-tstyle-rowband-size:0;
  mso-tstyle-colband-size:0;
  mso-style-noshow:yes;
  mso-style-priority:99;
  mso-style-parent:"";
  mso-padding-alt:0cm 5.4pt 0cm 5.4pt;
  mso-para-margin:0cm;
  mso-pagination:none;
  text-autospace:none;
  font-size:11.0pt;
  font-family:"Calibri",sans-serif;
  mso-ascii-font-family:Calibri;
  mso-ascii-theme-font:minor-latin;
  mso-hansi-font-family:Calibri;

```

```

mso-hansi-theme-font:minor-latin;
mso-bidi-font-family:"Times New Roman";
mso-bidi-theme-font:minor-bidi;
mso-ansi-language:EN-US;
mso-fareast-language:EN-US;}
</style>
<![endif]--><span lang="id" style="font-family: &quot;Times New Roman&quot;; serif;
font-size: 12pt; mso-ansi-language: #0021; mso-bidi-font-size: 11.0pt; mso-bidi-language:
AR-SA; mso-fareast-font-family: &quot;Times New Roman&quot;; mso-fareast-language:
EN-US;">Buatlah
rangkainan seperti gambar percobaan 3.b, ubah IC 74193N dengan 74LS 161N dan IC
74192N dengan 74LS160N</span><div><span style="font-family: times, times new roman,
serif;"><br /></span><div>
<span style="font-family: &quot;times&quot;; , &quot;times new roman&quot;; , serif;"><span
style="font-family: &quot;times&quot;; , &quot;times new roman&quot;; , serif; font-size:
small;"><b>2. Gambar Rangkaian Simulasi</b>&nbsp;<a name="hard"><a><a
href="#home">[Kembali]</a></span></span></div><div><span style="font-family:
&quot;times&quot;; , &quot;times new roman&quot;; , serif;"><span style="font-family:
&quot;times&quot;; , &quot;times new roman&quot;; , serif; font-size:
small;">&nbsp;</span></span></div><div><span style="font-family: &quot;times&quot;; ,
&quot;times new roman&quot;; , serif;"><span style="font-family: &quot;times&quot;; ,
&quot;times new roman&quot;; , serif; font-size: small;"><div class="separator" style="clear:
both; text-align: center;"><a
href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEiBZ53D7IlwYKpugiDI-vu
tAlndWH088Zy_cosSg5tAszdzxq21wTXuiAiU95en-8MSBNdqGpW0eOCb7g3S2-pFGzO4E
nCC86K5XHvIKjPMX_VANUeitdQ3P8KTsiix68Qv2gadDwILvdvMla4YWgafsAtHKqgGqQ9-O
0USxu3ExkRGR75f38qciy3adg/s1300/1.png" imageanchor="1" style="margin-left: 1em;
margin-right: 1em;"></a></div></span></span></div><div><br /></div><div>
<span style="font-family: &quot;times&quot;; , &quot;times new roman&quot;; , serif;"><span
style="font-family: &quot;times&quot;; , &quot;times new roman&quot;; , serif; font-size:
small;"><b>3. Video Simulasi</b>&nbsp;<a name="rangkainan"><a><a
href="#home">[Kembali]</a></span></span></div><div><span style="font-family:
&quot;times&quot;; , &quot;times new roman&quot;; , serif;"><span style="font-family:
&quot;times&quot;; , &quot;times new roman&quot;; , serif; font-size: small;">&nbsp;<div
class="separator" style="clear: both; text-align: center;"><object class="BLOG_video_class"
contentid="e894186ec0a8c909" height="266" id="BLOG_video-e894186ec0a8c909"
width="320"></object></div><br /></span></span></div><div>
<span style="font-family: &quot;times&quot;; , &quot;times new roman&quot;; , serif;"><span
style="font-family: &quot;times&quot;; , &quot;times new roman&quot;; , serif; font-size:
small;"><b>4. Prinsip Kerja Rangkaian</b>

```

[\[Kembali\]](#home)

Rangkaian yang sedang dibahas adalah rangkaian synchronous yang menggunakan IC 74LS161 dan 74LS160. Pada rangkaian ini, input kedua IC dihubungkan secara paralel sehingga keduanya dapat bekerja secara bersamaan. Kedua IC hanya memiliki fungsi counter up sesuai dengan tabel kebenaran yang telah ditentukan. Untuk IC 74LS161, nilai maksimum yang dapat dihitung adalah 15, sedangkan untuk IC 74LS160, nilai maksimum yang dapat dihitung adalah 9. Kedua IC ini dimulai secara bersamaan karena bekerja berdasarkan prinsip synchronous.

5. Link Download

[\[Kembali\]](#)

a. https://docs.google.com/document/d/1OG3aJfv_nWMnnLXaHg3515aoJj7psvbJvmPBH_3KGak/edit?usp=drive_link HTML

b. <https://drive.google.com/file/d/1nN54MOQ6ZyAXkdOQkLOMauhJDbpO4ZAS/view?usp=sharing> Rangkaian

c. https://drive.google.com/file/d/1r_pskZ10NG7Zy_uKkcTaWWUmc2Dq8WIs/view?usp=sharing Video

d. https://drive.google.com/drive/folders/1-dDcBdcLT5jdenecVSFmVldBr__YeAQ?usp=sharing Datasheet