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<div style="text-align: center;"><span style="font-size: medium;"><b>Modul 3 ( Laporan Akhir 1
)/b></span></div><a name="home"></a>

<div style="text-align: center;">

<a href="https://pretty203014.blogspot.com/p/modul-3-counter-kembali-ke-menu.html">[KEMBALI
KE MENU SEBELUMNYA]</a></div>

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<center>

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auto; padding: 10px; text-align: center; width: 330px;">

<b>DAFTAR ISI</b>

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<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 />

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<span><span style="font-size: small;"><b><div style="font-family: times, &quot;times new
roman&quot;, serif;"><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><br /></b></span></span></div><span style="font-family: arial;">1.
Jurnal</span></b><span style="font-family: arial;">

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[Kembali]<div>
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</div><div style="background-color: white; color: #666666; font-family: "Trebuchet MS", Trebuchet, sans-serif; font-size: 13px; text-align: left;"><div class="separator" style="clear: both; text-align: center;">
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2. Alat dan Bahan

[Kembali]</div><div>
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</div><table align="center" cellpadding="0" cellspacing="0" class="tr-caption-container" style="margin-bottom: 0.5em; margin-left: auto; margin-right: auto; padding: 4px; position: relative;"><tbody><tr><td style="text-align: center;"><a href="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEiklYaBnA8hm8Z2c8PzVgQjFJcit

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center;">Jumper</td></tr></tbody></table></div></div><div class="separator" style="background-color: white; border: 0px none; box-sizing: border-box; clear: both; color: #444444; font-family: "open sans";, arial, helvetica, sans-serif; font-size: 15px; margin: 0px; padding: 0px;"><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;"><br style="box-sizing: border-box;" /></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;">e. IC 74LS112 (JK filp flop)</div><div style="border: 0px none; box-sizing: border-box; margin: 0px; padding: 0px;"><br style="box-sizing: border-box;" /></div><div class="separator" style="clear: both; text-align: center;"><a

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ZWS9mXASyvd6R8sFjDgsTTI-_L85kXyP0ox0awhzgl1MZGMxKWrs9rpoJtlEIGY0Kd1fVYy6iqfBtYHQ/s16
00/ic%2074LS112A.jpg" width="225" /></div>
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none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><br

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clear: both; margin: 0px; padding: 0px; text-align: center;"><br /></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: left;">f. Switch (SW-SPDT)</div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: left;"><br style="box-sizing: border-box;" /></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;"><a
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src="https://blogger.googleusercontent.com/img/b/R29vZ2xl/AVvXsEhrjm5y7il0DdhUTFJkPlZ8xwrF_TEtWfEDzxQA7ymv6SC5JAXRqcubeB1KzKn_1x5vdEQCw1l8XP92AYJxhMOFxMLm-QQuxxzrts0LG_9QE vqiTVPcfG5gO91nJYqvKJQx-f1kEhYHjiJmt4v84hvA3iHEiYL03v7LWm7Z40T0tkIPaes8MVQqtWjg/s1600 /image_2022-03-23_125850.png" style="background-attachment: initial; background-clip: initial; background-image: initial; background-origin: initial; background-position: initial; background-repeat: initial; background-size: initial; border: medium none; box-shadow: rgba(0, 0, 0, 0.1) 1px 1px 5px; box-sizing: border-box; margin: 0px; max-width: 100%; padding: 0px; position: relative;" width="177" /></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;"> Switch</div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;">
</div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;"><br style="box-sizing: border-box;" /></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: left;">g. Power Supply</div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: left;"><div class="separator" style="clear: both; color: #222222; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 13.2px; text-align: center;"></div></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;"><br style="box-sizing: border-box;" /></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: left;">h. Logicprobe atau LED</div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;"></div><div class="separator" style="border: 0px none; box-sizing: border-box; clear: both; margin: 0px; padding: 0px;">Logic Probe</div></div></div></div></div><div>

3. Rangkaian Simulasi

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</div><div class="separator" style="clear: both; text-align: center;">gambar rangkaian pada percobaan 1 menggunakan De Lorenzo</div>
<div class="separator" style="clear: both; text-align: center;"></div><div class="separator" style="clear: both; text-align: center;">
</div><div class="separator" style="clear: both; text-align: center;">gambar rangkaian pada percobaan 1 menggunakan proteus</div></div><div style="text-align: center;">
</div></div><div>4. Prinsip Kerja Rangkaian

[Kembali]

</div><div><div style="background-color: white;"><div><div>Pada percobaan 1 ini, menggunakan rangkaian counter asynchronous, dimana vcc mengalir switch SPDT ketika switch SPDT berlogika 1, dan juga mengalir input J dan K pada Flip Flop yang pertama dan input CLK dihubungkan ke clock. arus dari SPDT dialirkan menuju setiap input RS pada setiap flip flop dan input JK pada setiap flip flop berikutnya. sedangkan input CLK pada setiap flip flop setelah flip flop pertama dihubungkan dengan input Q atau pun Q' Flip Flop sebelumnya, sehingga perubahan logic probe pada setiap outpiakan bergulir.</div><div>
</div><div>Ketika CLK Flip flop dihubungkan ke Q flip flop sebelumnya maka akan terangkai counter UP, dimana Logic Probe akan berubah dari nilai desimal terkecil (0) hingga ke nilai desimal maksimal</div><div><br

[\[Kembali\]](#)

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<a
href="https://drive.google.com/uc?export=download&id=1bdcM6Pb3EKRzd9NIhnB3Ec9gRfXN0
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Datasheet SW-SPDT <a
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>disini</div>

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