

class="MsoNormal" style="display: inline; text-align: justify;"><div style="display: inline;"><div style="display: inline;">Panel DL 2203C</div></div></div></div></div></div></div></div></div></div>Panel DL 2203DPanel DL 2203SJumperModul D'Lorenzo</div></div></div></div></blockquote><blockquote style="border: none; font-family: -webkit-standard; font-weight: normal; margin: 0px 0px 0px 40px; orphans: 2; padding: 0px; widows: 2;"><div class="separator" style="clear: both; font-variant-ligatures: normal; text-align: center; text-decoration-thickness: initial;"></div></blockquote><blockquote style="border: none; font-family: -webkit-standard; font-weight: normal; margin: 0px 0px 0px 40px; orphans: 2; padding: 0px; widows: 2;"><li style="text-align: justify;">Jumper</blockquote><blockquote style="border: none; font-family: -webkit-standard; font-weight: normal; margin: 0px 0px 0px 40px; orphans: 2; padding: 0px; widows: 2;"><p class="MsoNormal" style="text-align: justify;"></p><div class="separator" style="clear: both; font-variant-ligatures: normal; text-align: center; text-decoration-thickness: initial;"> </div></blockquote>3. Rangkaian [kembali]</div><div>
</div><div><div class="separator" style="clear: both; text-align: center;">

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<div>4. Prinsip Kerja
<p>Prinsip kerja dari rangkaian ini adalah untuk menghasilkan pulsa digital yang berbeda-beda.</p></div>

<div><p>Prinsip kerja dari rangkaian ini adalah untuk menghasilkan pulsa digital yang berbeda-beda.</p></div>

<div><p>Prinsip kerja dari rangkaian ini adalah untuk menghasilkan pulsa digital yang berbeda-beda.</p></div>

<div><p>Prinsip kerja dari rangkaian ini adalah untuk menghasilkan pulsa digital yang berbeda-beda.</p></div>

mso-fareast-font-family:Calibri;
mso-fareast-theme-font:minor-latin;
mso-hansi-font-family:Calibri;
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mso-bidi-theme-font:minor-bidi;}

p.MsoListParagraph, li.MsoListParagraph, div.MsoListParagraph

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margin-right:0cm;
margin-bottom:0cm;
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mso-fareast-theme-font:minor-latin;
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mso-hansi-theme-font:minor-latin;
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mso-bidi-theme-font:minor-bidi;}

p.MsoListParagraphCxSpFirst, li.MsoListParagraphCxSpFirst, div.MsoListParagraphCxSpFirst

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font-family:"Calibri",sans-serif;
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mso-bidi-theme-font:minor-bidi;}

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mso-fareast-theme-font:minor-latin;
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mso-bidi-theme-font:minor-bidi;}

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.MsoChpDefault

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mso-fareast-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;}
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@page WordSection1

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{size:612.0pt 792.0pt;  
margin:72.0pt 72.0pt 72.0pt 72.0pt;  
mso-header-margin:36.0pt;  
mso-footer-margin:36.0pt;  
mso-paper-source:0;}
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div.WordSection1

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{page:WordSection1;}
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/* List Definitions */

@list l0

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{mso-list-id:1363556528;  
mso-list-type:hybrid;
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mso-list-template-ids:-1138851944 -744562830 67698713 67698715 67698703 67698713  
67698715 67698703 67698713 67698715;}
```

@list l0:level1

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mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level2

{mso-level-number-format:alpha-lower;
mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level3

{mso-level-number-format:roman-lower;
mso-level-tab-stop:none;
mso-level-number-position:right;
text-indent:-9.0pt;}

@list l0:level4

{mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level5

{mso-level-number-format:alpha-lower;
mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level6

{mso-level-number-format:roman-lower;
mso-level-tab-stop:none;
mso-level-number-position:right;
text-indent:-9.0pt;}

@list l0:level7

{mso-level-tab-stop:none;

2. Analisa hasil percobaan pada kondisi 3 dan 4

Pada kondisi 3, saklar S0, S1, dan S3 berlogika 0 dan S2 berlogika 1 dikarenakan input PL berlogika 0 sehingga PL aktif, jadi jika salah satu saklar dihidupkan maka salah satu output akan hidup tetapi tidak counter.

Pada kondisi 4, saklar S0, S2, S3 berlogika 1 dan S1 berlogika 0 sehingga input CLR berlogika 1, sehingga CLR aktif yang mengakibatkan output tidak akan hidup.

3. Apa pengaruh gerbang OR pada rangkaian

Pengaruh gerbang OR pada percobaan ini adalah sebagai pengatur on/off nya counter up atau counter down. Untuk menghidupkan counter up atau counter down maka saklar yang terhubung ke kaki gerbang OR haruslah terhubung ke ground, agar berlogika 0, sehingga kombinasi dengan clock voltage adalah 00 dan 01, maka output dari gerbang OR adalah 0 dan 1 secara bergantian (clock). Untuk keadaan counter off, maka saklar yang terhubung ke kaki gerbang OR haruslah terhubung ke VCC, agar berlogika 1, sehingga kombinasi dengan clock voltage adalah 10 dan 11, maka output dari gerbang OR adalah 1.

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mso-fareast-theme-font:minor-latin;

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.MsoChpDefault

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@page WordSection1

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div.WordSection1

{page:WordSection1;}

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{mso-level-number-format:alpha-lower;
mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level3

{mso-level-number-format:roman-lower;
mso-level-tab-stop:none;
mso-level-number-position:right;
text-indent:-9.0pt;}

@list l0:level4

{mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level5

{mso-level-number-format:alpha-lower;
mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level6

{mso-level-number-format:roman-lower;
mso-level-tab-stop:none;
mso-level-number-position:right;

text-indent:-9.0pt;}

@list l0:level7

{mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level8

{mso-level-number-format:alpha-lower;
mso-level-tab-stop:none;
mso-level-number-position:left;
text-indent:-18.0pt;}

@list l0:level9

{mso-level-number-format:roman-lower;
mso-level-tab-stop:none;
mso-level-number-position:right;
text-indent:-9.0pt;}

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</style>