

normal;"></div><div style="font-family: times, "times new roman"; serif; font-size: medium; font-weight: bold;">
</div><div style="font-family: times, "times new roman"; serif; font-size: medium; font-weight: bold;">2. Alat dan Bahan

[Kembali]</div><div><div style="background-color: white;"><div style="color: #333333; font-family: trebuchet; font-size: medium;">
</div><div><div><div style="color: #333333; font-family: trebuchet; font-size: medium;"><div>1. Panel DL 2203D</div><div class="separator" style="clear: both; color: black; font-family: times, "times new roman"; serif; font-weight: 400;">2. Panel DL 2203S</div><div class="separator" style="clear: both; color: black; font-family: times, "times new roman"; serif; font-weight: 400;">3. Panel DL 2203C </div><div class="separator" style="clear: both; color: black; font-family: times, "times new roman"; serif; font-weight: 400;"></div><span style="color: black; font-family: times,

"times new roman";, serif; font-weight: 400;">4.

5. switch SPDT

6.

7. Seven Segmen

white-space: pre-wrap;"></div><div style="color: #505050; font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px; font-weight: 400;">
</div></div></div></div></div><div style="color: #333333; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 14.85px;"><div style="font-family: trebuchet; font-size: medium;"><div class="separator" style="clear: both; text-align: center;">
</div></div></div></div></div></div><div style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;">
3. Rangkaian [Kembali]</div><div style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;"><div class="separator" style="clear: both; text-align: center;"><div style="background-color: white; color: #505050; font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px; font-weight: 400; text-align: center;"></div><div style="background-color: white; color: #505050; font-family: Georgia, Utopia, "Palatino Linotype", Palatino, serif; font-size: 15.4px; font-weight: 400; text-align: start;"><div class="separator" style="clear: both; text-align: center;">
</div></div></div></div><div style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;"><span

style="font-family: "times" , "times new roman" , serif; font-size: small;">

4. Prinsip Kerja Rangkaian

[Kembali]</div><div

style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;"><span style="background-color: white; font-family: inherit; font-size: 18px;

font-style: inherit; font-weight: inherit;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium;"><span style="background-color:

white; font-family: inherit; font-size: 18px; font-style: inherit;">prinsip kerja 7 segment yaitu <span class="fullpost" style="background-color: white; border: 0px;

box-sizing: border-box; font-family: inherit; font-size: 18px; font-style: inherit; margin: 0px; outline: 0px; padding: 0px; vertical-align: baseline;">input pada biner pada switch

dikonversikan masuk ke dalam decoder, baru kemudian decoder mengkonversi bilangan biner tersebut menjadi decimal, yang nantinya akan ditampilkan pada seven

segment. Dimana decoder BCD ke 7 segment sendiri merupakan rangkaian

elektronika yang berfungsi untuk mengubah kode BCD menjadi karakter tampilan angka desimal yang dapat dilihat secara visual.</div><div style="font-family: times,

"times new roman", serif; font-size: medium; font-weight: bold;"><span

style="font-family: "times" , "times new roman" , serif; font-size: small;"><span style="font-family: "times" , "times new roman" ,

serif;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;"><span style="font-family:

"times" , "times new roman" , serif;">

<span style="font-family: "times" , "times new roman" , serif; font-size:

small;">5. Video Rangkaian

[Kembali]</div><div

style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;"><span style="font-family: "times" , "times new

roman" , serif;"><span style="font-family: "times" ,

"times new roman" , serif;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium;

font-weight: bold;"><span style="font-family: "times" , "times new

roman" , serif; font-size: small;">Video Percobaan 2 M4
</div><div

style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;"><span style="font-family: "times" , "times new

roman" , serif;">

roman", serif;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;">6. Analisa [Kembali]</div><div style="font-family: times, "times new roman", serif; font-size: medium; font-weight: bold;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium;">1. Analisa pengaruh LT, RBO, RBI</div><div style="font-family: times, "times new roman", serif; font-size: medium;">jawab : </div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">a. LT (Lamp Test)</div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">berfungsi untuk menyalakan semua LED pada seven-segmen, jalur LT akan aktif apabila diberi logika 0</div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">b. RBI (Riple Blank Input)</div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">berfungsi untuk menahan sinyal input (disable input), RBI akan aktif apabila diberi logika low</div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">c. RBO (Riple Blank Output)</div><div style="font-family: times, "times new roman", serif; font-size: medium; text-align: justify;">berfungsi untuk menahan data output ke seven-segmen (disable output), RBO akan aktif apabila diberi logika low</div><div style="font-family: times, "times new roman", serif; font-size: medium;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium;"><div style="text-align: justify;">2. Analisa pengaruh BCD Decoder to Seven Segment pada rangkaian</div><div style="text-align: justify;">Jawab :</div></div><div style="font-family: times, "times new roman", serif; font-size: medium;">BCD Decoder to Seven-segmen berguna untuk mengubah kode bilangan biner menjadi data tampilan/ display seven-segmen, IC ini juga mengubah input yang hanya 4 bit menjadi output 7 bit (sesuai jumlah input pada seven-segmen)</div><div style="font-family: times, "times new roman", serif; font-size: medium;">
</div><div style="font-family: times, "times new roman", serif; font-size: medium;">7. Link Download <a href="#home"

[Kembali]

Link Video
Rangkaian [\[klik di sini \]](https://drive.google.com/uc?export=download&id=1Wv0niAHLtGsR38m0JDpdofGbv2oVDeEW)

Link
Rangkaian [\[klik di sini \]](https://drive.google.com/uc?export=download&id=1UBux0ow-BJyqBd6NXztQreYKLvqBFYvj)

di sini
[di sini](https://drive.google.com/uc?export=download&id=1MjtsFyv2mQEmjqD8qUkj9WMvp8lzMVal)

Link HTML
[\[klik di sini \]](https://docs.google.com/document/d/1phpSJWWB2M96LG1ALp-oFb_tSFrS6D8sCxDYPhp4ul0/edit?usp=sharing)

Link datasheet [\[klik di sini \]](https://drive.google.com/uc?export=download&id=1oHxQ2LLFnSDj2A9gB44zDa0_FsgOPkBD)

Link datasheet Seven
[\[klik di sini \]](https://drive.google.com/uc?export=download&id=1GZXs2kTSpJCyCi9jwH DUZ4rAmyajC76n)

Separator

Palatino Linotype

