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<a name="home">
</a>
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<a href="https://aldif193011.blogspot.com/">[KEMBALI KE MENU SEBELUMNYA]</a></div>
<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="#Rangkaian">2. Rangkaian Simulasi</a></div>
<div style="text-align: left;">
<a href="#Flowchart">3. Flowchart</a></div>
<div style="text-align: left;">
<a href="#Listing">4. Listing Program</a></div>
<div style="text-align: left;">
<a href="#Video">5. Video Simulasi</a></div>
<div style="text-align: left;">
<a href="#Prinsip Kerja">6. Prinsip Kerja </a></div>
<div style="text-align: left;">
<a href="#Link">7. Link Download </a></div>
</div>
<br />
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sans-serif;"><span style="font-size: 14.52px;"><b><a name= "Kondisi" ></a><b>1. Kondisi</b><a href=
"#home">[KEMBALI] </a></b></span></span></p><span style="color: #222222;"><br /><span
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16px;"><span style="font-family: times, &quot;times new roman&quot;, serif;">Bila suhu yang terbaca
pada lcd menunjukkan suhu &gt; 25 derajat celsius maka motor akan berputar ke kiri ( percobaan 2
kondisi 8 )</span></span><br /><span style="background-color: white; font-family: georgia, utopia,
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></a><b>2. Rangkaian Simulasi</b><a href= "#home">[KEMBALI] </a></b></span></span></div><div
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/></b></span></span></div><div style="text-align: justify;"><span style="font-family: Arial, Tahoma,
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[illegible]

[illegible]

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</div><div style="color: #222222; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 14.52px; text-align: left;">
</div><div style="color: #222222; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 14.52px; text-align: left;">6. Prinsip Kerja[KEMBALI] </div><div style="color: #222222; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 14.52px; text-align: left;"> </div><div style="text-align: left;"><div style="color: #222222; font-family: Arial, Tahoma, Helvetica, FreeSans, sans-serif; font-size: 14.52px; text-align: justify;">Pada rangkaian ini merupakan rangkaian untuk membaca atau mengukur suhu menggunakan componen LM35. LM 35 merupakan alat yang medeteksi suhu dimana setiap kenaikan 1 derajat celcius temperatur maka tegangan yang ia hasilkan naik sebesar 10 milivolt. dengan persamaan 10mV/derajat C. maka untuk nilai yang terbaca pada LCD nanti sesuai dengan nilai sebenarnya dibutuhkan konversi dengan membagi nilai yang terbaca LM35 dengan 2.0479. sehingga nilai yang terbaca sesuai dengan nilai sebenarnya. output dari pada LM35 dihubungkan dengan kaki analog arduino. alasannya adalah kita membutuhkan nilai digitaal sedangkan nilai yang dikeluarkan oleh LM35 adalah data atau sinyal analog selain itu pada kaki analog arduino sudah terdapat komponen ADC sehingga data analog dapat dikonversi menjadi data digital. </div><div style="text-align: justify;">Grafik dari LM35 </div><div style="text-align: justify;">
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