

[TP Percobaan 1 Modul 2](#)

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[\[KEMBALI KE MENU SEBELUMNYA\]](https://rahmada212014.blogspot.com/p/kembali-ke-menu-sebelumnya-daftar-isi-1_18.html#top)

<b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">DAFTAR ISI<br style="box-sizing: border-box;" /><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">1. Foto Hardware dan Diagram Blok</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">2. Prosedur Percobaan</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">3. Rangkaian Simulasi dan Prinsip Kerja</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">4. Flowchart dan Listing Program</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">5. Kondisi</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;"><a href="#V" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px;

verdana;">6. Video Simulasi

border-box; margin: 0px; padding: 0px; text-align: left;">7. Link Download</div><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;"></div><h1 style="border: 0px; box-sizing: border-box; color: #757575; font-size: 21px; letter-spacing: 0px; line-height: 30px; margin: 0px 0px 7px; padding-bottom: 0px; padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-indent: -1px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">Percobaan I</h1><div style="border: 0px; box-sizing: border-box; color: #444444; font-size: 15px; margin: 0px; padding: 0px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">Sensor LDR dengan LCD</div><h3 style="border: 0px; box-sizing: border-box; color: #757575; font-size: 19px; letter-spacing: 0px; line-height: 29px; margin: 0px 0px 7px; padding-bottom: 0px; padding-left: 0px; padding-right: 0px; padding-top: 4px !important; padding: 4px 0px 0px; position: relative; text-align: justify; text-indent: -1px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;">1. Foto Hardware dan Diagram Blok [Kembali]</h3><div style="border: 0px; box-sizing: border-box; color: #444444; font-size: 15px; margin: 0px; padding: 0px; text-align: justify;"><div class="separator" style="clear: both; text-align: left;"> 1. Arduino Uno
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</div><div class="separator" style="clear: both; text-align: center;">
</div><div class="separator" style="clear: both; text-align: left;"> 2. LCD</div>
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3. Sensor LDR (ADC)

Sensor LDR (ADC) is used to detect the presence or absence of light. It is a type of photoresistor whose resistance varies with the intensity of light falling on it. When light falls on the sensor, its resistance decreases, allowing more current to flow through the circuit. This change in resistance can be measured and converted into a digital signal by the microcontroller.

The sensor is connected to the microcontroller's analog input pin. The circuit diagram shows the sensor connected to a voltage divider network. The output voltage of the divider is measured by the microcontroller and used to determine the light intensity.

The sensor is also connected to a buzzer, which is activated when the light intensity drops below a certain threshold. This is useful for detecting when a door is closed or when a person enters a room.

4. DIP Switch

A DIP switch is a small electronic component that can be turned on or off manually. It is commonly used in prototyping circuits where a permanent connection is not required. In this project, the DIP switch is used to control the buzzer. When the switch is turned on, the buzzer sounds, indicating that the door is closed.

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border-box; font-size: medium; margin: 0px; padding: 0px;"><span style="border: 0px;
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15px; margin: 0px; padding: 0px;">Listing Program:</div><div style="border: 0px; box-sizing:
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style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><span style="color:
#0ca1a6;">#include
<lt;LiquidCrystal.h>
LiquidCrystal lcd(13, 12, 11, 10, 9, 8);
int sw1 = 2;
int sw2 = 3;
int sw3 = 4;
int sw4 = 5;
int front = A1;
int back = A2;

void setup() {
lcd.begin(16,2);
pinMode(sw1,INPUT);
pinMode(sw2,INPUT);
pinMode(sw3,INPUT);
pinMode(sw4,INPUT);

pinMode(front,OUTPUT);
pinMode(back,OUTPUT);
Serial.begin(9600);
}

void loop(){
int s1 = digitalRead(sw1);
int s2 = digitalRead(sw2);
int s3 = digitalRead(sw3);

```

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int s4 = digitalRead(sw4);
int ldr = analogRead(A0);

if(s1==HIGH&& s2==HIGH&& s3==HIGH&& s4==HIGH){
 lcd.clear();
 lcd.setCursor(0,0);
 lcd.print(ldr);
 if(ldr < 200){
 digitalWrite(front,LOW);
 digitalWrite(back,HIGH);
 delay(3000);
 digitalWrite(front,HIGH);
 digitalWrite(back,LOW);
 delay(4000);
 }else if(ldr>600)
 {
 digitalWrite(front,LOW);
 digitalWrite(back,HIGH);
 delay(3000);
 digitalWrite(front,HIGH);
 digitalWrite(back,LOW);
 delay(4000);
 }
}
else{
 lcd.clear();
 lcd.setCursor(0,0);
 lcd.print(ldr);
 digitalWrite(front,LOW);
 digitalWrite(back,LOW);
}

}
else {
 digitalWrite(front,LOW);
 digitalWrite(back,LOW);
}
}
}

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border-box; color: #444444; font-size: 15px; margin: 0px 0px 15px; padding: 0px; text-align:
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margin: 0px; padding: 0px; text-align: left;"><span style="border: 0px; box-sizing: border-box; font-size: medium; margin: 0px; padding: 0px;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><a name="K" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; transition: all 0.3s ease 0s;">5. Kondisi</a></span>&nbsp;<a href="#home" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; text-decoration-line: none; transition: all 0.3s ease 0s;">[Kembali]</a></span></b></p><p style="border: 0px; box-sizing: border-box; margin: 0px 0px 15px; padding: 0px; text-align: justify;"><span style="border: 0px; box-sizing: border-box; color: #444444; font-size: 15px; margin: 0px; padding: 0px; text-align: left;">&nbsp;&nbsp;&nbsp;</span><span style="color: #444444;"><span style="font-size: 15px;">Pada kondisi 5 dari percobaan 1,&nbsp;</span></span><span style="color: #444444;"><span style="font-size: 15px;">(Ketika ADC &lt; 200 atau &gt;600) dan semua switch aktif, motor berputar ke kanan 3 detik lalu kiri 4 detik dan muncul karakter pada kolom 1 LCD</span></span></p><div style="text-align: justify;"><br /></div><div style="border: 0px; box-sizing: border-box; color: #444444; font-size: 15px; margin: 0px; padding: 0px; text-align: -webkit-center;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><p style="border: 0px; box-sizing: border-box; margin: 0px 0px 15px; padding: 0px; text-align: justify;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;"><span style="border: 0px; box-sizing: border-box; font-size: medium; margin: 0px; padding: 0px;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><a name="V" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; transition: all 0.3s ease 0s;">6. Video Simulasi</a></span>&nbsp;<a href="#home" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; text-decoration-line: none; transition: all 0.3s ease 0s;">[Kembali]</a></span></b></p><div class="separator" style="clear: both; text-align: center;"><object class="BLOG\_video\_class" contentid="6f76a0372aa21a23" height="266" id="BLOG\_video-6f76a0372aa21a23" width="320"></object></div><div class="separator" style="border: 0px; box-sizing: border-box; clear: both; margin: 0px; padding: 0px; text-align: center;"><br style="box-sizing: border-box;" /></div><p style="border: 0px; box-sizing: border-box; margin: 0px 0px 15px; padding: 0px;"></p><div style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><div style="border: 0px; box-sizing: border-box; font-weight: 400; margin: 0px; padding: 0px; text-align: -webkit-center;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><p style="border: 0px; box-sizing: border-box; margin: 0px 0px 1px; padding: 0px; text-align: justify;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: left;"><span style="border: 0px; box-sizing: border-box; font-size: medium; margin: 0px; padding: 0px;"><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;"><a name="L" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; transition: all 0.3s ease 0s;">7. Link Download&nbsp;</a></span><a href="#home" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; text-decoration-line: none; transition: all 0.3s ease 0s;">[Kembali]</a></span></b></p></span></span></span></div></b></div></span></span></div></span></div><p style="border: 0px;

box-sizing: border-box; color: #444444; font-size: 15px; margin: 0px 0px 15px; padding: 0px; text-align: left;"><span style="font-family: verdana;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;"><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px;">□&nbsp;</b></b><span style="border: 0px; box-sizing: border-box; font-weight: 400; margin: 0px; padding: 0px;">HTML→&nbsp;</span><a href="https://docs.google.com/document/d/1h8StMeKgE40CjJvn2FCci\_\_LT4cFr9K8veFd11MnGA/edit" style="border: 0px; box-sizing: border-box; color: #597e00; font-weight: 400; margin: 0px; padding: 0px; text-decoration-line: none; transition: all 0.3s ease 0s;">klik disini<br style="box-sizing: border-box;" /></a></b><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">Aplikasi→&nbsp;</span><a href="https://drive.google.com/file/d/1wlG2NdLKHEl0BoQ8ohq4AOeEoEB5j9\_9/view?usp=s haring" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s;">klik disini<br style="box-sizing: border-box;" /></a><b style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">Video Percobaan</span><span style="border: 0px; box-sizing: border-box; margin: 0px; padding: 0px; text-align: justify;">→&nbsp;</span><a href="https://drive.google.com/file/d/15el278VzqH6ZTI-BBMRoRq-GGH\_ZFaHk/view?usp=s haring" style="border: 0px; box-sizing: border-box; color: #597e00; margin: 0px; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s;">klik disini</a></span></p><p style="border: 0px; box-sizing: border-box; color: #444444; font-size: 15px; margin: 0px 0px 15px; padding: 0px; text-align: left;"><b style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">Datasheet Arduino</span><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">→&nbsp;</span><a href="https://drive.google.com/file/d/1dwqLaFOMvxjOz7sPOkhjircDvDSvVUn5/view?usp=drive\_link" style="background: transparent; border: 0px; box-sizing: border-box; color: #597e00; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit;

margin: 0px; outline: none; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s; vertical-align: baseline;">klik disini</a></p><p style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: Arial, sans-serif; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: 15px; font-stretch: inherit; font-variant-alternates: inherit; font-variant-east-asian: inherit; font-variant-numeric: inherit; font-variant-position: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px 0px 15px; padding: 0px; text-align: left; vertical-align: baseline;"><b style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">Datasheet Potensiometer</span><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">»&nbsp;</span><a href="https://drive.google.com/file/d/1\_ni7b7u5w4l8JzZm51NFVkUCIbJ2IPLD/view?usp=sharing" style="background: transparent; border: 0px; box-sizing: border-box; color: #597e00; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; outline: none; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s; vertical-align: baseline;">klik disini</a></p><p style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: Arial, sans-serif; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: 15px; font-stretch: inherit; font-variant-alternates: inherit; font-variant-east-asian: inherit; font-variant-numeric: inherit; font-variant-position: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px 0px 15px; padding: 0px; text-align: left; vertical-align: baseline;"><b style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important;

font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">Datasheet LCD</span><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">&nbsp;</span><a href="https://drive.google.com/file/d/1GTFGrVlKEqT67PnE2HNNEOJGHLByEMCA/view?usp=drive\_link" style="background: transparent; border: 0px; box-sizing: border-box; color: #597e00; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; outline: none; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s; vertical-align: baseline;">klik disini</a><p style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: Arial, sans-serif; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: 15px; font-stretch: inherit; font-variant-alternates: inherit; font-variant-east-asian: inherit; font-variant-numeric: inherit; font-variant-position: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px 0px 15px; padding: 0px; text-align: left; vertical-align: baseline;"><b style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">Datasheet DIP Switch</span><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">&nbsp;</span><a href="https://drive.google.com/file/d/1x7jwsidQTKK4zs-DrBTMChVm\_mM9TT5M/view?usp=sharing" style="background: transparent; border: 0px; box-sizing: border-box; color: #597e00; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit;

margin: 0px; outline: none; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s; vertical-align: baseline;">klik disini</a></p><p style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: Arial, sans-serif; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: 15px; font-stretch: inherit; font-variant-alternates: inherit; font-variant-east-asian: inherit; font-variant-numeric: inherit; font-variant-position: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px 0px 15px; padding: 0px; text-align: left; vertical-align: baseline;"><b style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">Datasheet L293D</span><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">»&nbsp;</span><a href="https://drive.google.com/file/d/1Vel5JGVnUWySXP9Xo\_kGouKIBmFk5iS/view?usp=s haring" style="background: transparent; border: 0px; box-sizing: border-box; color: #597e00; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; outline: none; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s; vertical-align: baseline;">klik disini</a></p><p style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: Arial, sans-serif; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: 15px; font-stretch: inherit; font-variant-alternates: inherit; font-variant-east-asian: inherit; font-variant-numeric: inherit; font-variant-position: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px 0px 15px; padding: 0px; text-align: left; vertical-align: baseline;"><b style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">□&nbsp;</b><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important;

font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">Datasheet Sensor LDR</span><span style="border: 0px; box-sizing: border-box; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">&nbsp;</span><a href="https://drive.google.com/file/d/1LACChdusj1T19sfarXJdjWN7UD6Ezt4Z/view?usp=sharing" style="background: transparent; border: 0px; box-sizing: border-box; color: #597e00; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; font-weight: inherit; line-height: inherit; margin: 0px; outline: none; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s; vertical-align: baseline;">klik disini</a></p><p style="border: 0px; box-sizing: border-box; color: #444444; font-size: 15px; margin: 0px 0px 15px; padding: 0px; text-align: left;"><span face="&quot;Trebuchet MS&quot;, Trebuchet, Verdana, sans-serif" style="color: #5d5d5d;"><span><span><span style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">□&nbsp;</span><span style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">Datasheet Motor DC</span><span style="border: 0px; box-sizing: border-box; color: #444444; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; padding: 0px; text-align: justify; vertical-align: baseline;">&nbsp;</span><a href="https://drive.google.com/file/d/1Nt4Az9MhC4CUM32w\_BfyilLOvMk202p/view?usp=sharing" style="background: transparent; border: 0px; box-sizing: border-box; color: #597e00; cursor: url(&quot;https://ani.cursors-4u.net/cursors/cur-11/cur1089.cur&quot;), auto !important; font-family: verdana; font-feature-settings: inherit; font-kerning: inherit; font-optical-sizing: inherit; font-size: inherit; font-stretch: inherit; font-style: inherit; font-variant: inherit; font-variation-settings: inherit; line-height: inherit; margin: 0px; outline: none; padding: 0px; text-align: justify; text-decoration-line: none; transition: all 0.3s ease 0s; vertical-align: baseline;">klik disini</a>&nbsp;&nbsp;</span></span></p></center>

