# Gate Driver Dizgi Planı

## Bridges Sheet

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|  | **Phase A** | | | |
|  | Q5 | GS66508B | GD\_Bridges.SchDoc | GS66508B |
|  | Q6 | GS66508B | GD\_Bridges.SchDoc | GS66508B |
|  | C49 | 0.1uF, 450V | GD\_Bridges.SchDoc | 1206 Package |
|  | C50 | 5u | GD\_Bridges.SchDoc | Film\_Cap\_11\*31.5\*21 |
|  | C51 | 0.1uF, 450V | GD\_Bridges.SchDoc | 1206 Package |
|  | TP13 | Test Point | GD\_Bridges.SchDoc | Test Point |
|  | **Phase B** | | | |
|  | Q3 | GS66508B | GD\_Bridges.SchDoc | GS66508B |
|  | Q4 | GS66508B | GD\_Bridges.SchDoc | GS66508B |
|  | C34 | 5u | GD\_Bridges.SchDoc | Film\_Cap\_11\*31.5\*21 |
|  | C35 | 0.1uF, 450V | GD\_Bridges.SchDoc | 1206 Package |
|  | C44 | 0.1uF, 450V | GD\_Bridges.SchDoc | 1206 Package |
|  | TP11 | Test Point | GD\_Bridges.SchDoc | Test Point |
|  | **Phase C** | | | |
|  | Q1 | GS66508B | GD\_Bridges.SchDoc | GS66508B |
|  | Q2 | GS66508B | GD\_Bridges.SchDoc | GS66508B |
|  | C8 | 5u | GD\_Bridges.SchDoc | Film\_Cap\_11\*31.5\*21 |
|  | C14 | 0.1uF, 450V | GD\_Bridges.SchDoc | 1206 Package |
|  | C21 | 0.1uF, 450V | GD\_Bridges.SchDoc | 1206 Package |
|  | TP4 | Test Point | GD\_Bridges.SchDoc | Test Point |
|  | **Rsense** | | | |
|  | R1 | Rsense | GD\_Bridges.SchDoc | 1206 (3216) |
|  | R27 | Rsense | GD\_Bridges.SchDoc | 1206 (3216) |
|  | R43 | Rsense | GD\_Bridges.SchDoc | 1206 (3216) |

1. TURUNCU işaretlenmiş GaN’lar lehimlenecek
2. YEŞİL işaretlenmiş 1206 paket ve Test Pointler lehimlenecek
3. C50, C34, C8 büyüklüklerinden dolayı en son lehimlenecek

## Main Sheet

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|  | C1 | 100u | GD\_Main.SchDoc | CAPPR6.3x |
|  | C13 | 100u | GD\_Main.SchDoc | CAPPR6.3x |
|  | C15 | 100u | GD\_Main.SchDoc | CAPPR6.3x |
|  | C16 | 100u | GD\_Main.SchDoc | CAPPR6.3x |
|  | C3 | 100u | GD\_Main.SchDoc | CAPPR6.3x |
|  | C9 | 100u | GD\_Main.SchDoc | CAPPR6.3x |
|  | J1 | Header 6x2 | GD\_Main.SchDoc | HDR6x2\_IPL |
|  | J2 | Header 6x2 | GD\_Main.SchDoc | HDR6x2\_IPL |
|  | J3 | Terminal\_Screw | GD\_Main.SchDoc | Terminal\_Screw |
|  | J4 | Header 6x2 | GD\_Main.SchDoc | HDR6x2\_IPL |
|  | J5 | Terminal\_Screw | GD\_Main.SchDoc | Terminal\_Screw |
|  | MT1 | MT\_C3 | GD\_Main.SchDoc | Terminal\_QuickDisc |
|  | MT2 | MT\_C1 | GD\_Main.SchDoc | Terminal\_QuickDisc |
|  | MT3 | MT\_B3 | GD\_Main.SchDoc | Terminal\_QuickDisc |
|  | MT4 | MT\_B1 | GD\_Main.SchDoc | Terminal\_QuickDisc |
|  | MT5 | MT\_A3 | GD\_Main.SchDoc | Terminal\_QuickDisc |
|  | MT6 | MT\_A1 | GD\_Main.SchDoc | Terminal\_QuickDisc |
|  | P1 | Header 2X2\_IPL | GD\_Main.SchDoc | HDR2X2\_IPL |

1. YEŞİL işaretlenmiş komponentler lehimlenecek
2. J1, J2, J4 kodlu konektörler büyüklüklerinden dolayı daha sonra lehimlenecekler.

## Converters Sheet

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|  | **5V Gate Drive Supply** | | | |
|  | U16 | LM22672 | GD\_Converters.SchDoc | 8 - Power SOIC |
|  | C27 | 33u | GD\_Converters.SchDoc | 1206 Package |
|  | C80 | 3.3u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C81 | 1u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C83 | 10n | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C84 | 39n | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | LED7 | LED 0603 | GD\_Converters.SchDoc | 603 LED |
|  | LED8 | LED 0603 | GD\_Converters.SchDoc | 603 LED |
|  | D6 |  | GD\_Converters.SchDoc | SMB |
|  | L2 | 33u | GD\_Converters.SchDoc | Ind 6x6 |
|  | R23 | 3K | GD\_Converters.SchDoc | CAP0603 |
|  | R26 | 750R | GD\_Converters.SchDoc | CAP0603 |
|  | R30 | 0R | GD\_Converters.SchDoc | CAP0603 |
|  | R31 | 20.5K | GD\_Converters.SchDoc | CAP0603 |
|  | R80 | 10K | GD\_Converters.SchDoc | 0603 (1608) |
|  | R85 | 61.9K | GD\_Converters.SchDoc | CAP0603 |
|  | TP6 | Test Point | GD\_Converters.SchDoc | Test Point |

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|  | **5V Measurement Supply** | | | |
|  | U4 | LM22672 | GD\_Converters.SchDoc | 8 - Power SOIC |
|  | C5 | 33u | GD\_Converters.SchDoc | 1206 Package |
|  | C59 | 3.3u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C58 | 1u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C61 | 10n | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C63 | 39n | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | LED6 | LED 0603 | GD\_Converters.SchDoc | 603 LED |
|  | D1 |  | GD\_Converters.SchDoc | SMB |
|  | L1 | 33u | GD\_Converters.SchDoc | Ind 6x6 |
|  | R21 | 750R | GD\_Converters.SchDoc | CAP0603 |
|  | R4 | 0R | GD\_Converters.SchDoc | CAP0603 |
|  | R7 | 20.5K | GD\_Converters.SchDoc | CAP0603 |
|  | R60 | 10K | GD\_Converters.SchDoc | 0603 (1608) |
|  | R64 | 61.9K | GD\_Converters.SchDoc | CAP0603 |

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|  | **5V to 3V3** | | | |
|  | U7 | LM3940 | GD\_Converters.SchDoc | SOT223 |
|  | LED4 | LED 0603 | GD\_Converters.SchDoc | 603 LED |
|  | C12 | 33u | GD\_Converters.SchDoc | 1206 Package |
|  | C65 | 3.3u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | R17 | 220R | GD\_Converters.SchDoc | CAP0603 |
|  | R12 | 0R | GD\_Converters.SchDoc | CAP0603 |

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|  | **3V3 to 1V5** | | | |
|  | U8 | Reference Voltage 1.5 / 3 | GD\_Converters.SchDoc | T-SOT23-5 |
|  | R13 | 0R | GD\_Converters.SchDoc | CAP0603 |
|  | R15 | 220R | GD\_Converters.SchDoc | CAP0603 |
|  | C66 | 3.3u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C67 | 100n | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C68 | 3.3u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | LED3 | LED 0603 | GD\_Converters.SchDoc | 603 LED |

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|  | **P5V to N5V** | | | |
|  | U6 | Inverter | GD\_Converters.SchDoc | TPS60402 |
|  | C7 | 1u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | C10 | 1u | GD\_Converters.SchDoc | 0603 (1608) - cap |
|  | R11 | 0R | GD\_Converters.SchDoc | CAP0603 |
|  | R19 | 750R | GD\_Converters.SchDoc | CAP0603 |
|  | LED5 | LED 0603 | GD\_Converters.SchDoc | 603 LED |
|  | C64 | 1u | GD\_Converters.SchDoc | 0603 (1608) - cap |

1. TURUNCU işaretli IC komponentler lehimlenecektir.
2. KIRMIZI işaretli TOP LAYER komponentler lehimlenecektir.
3. YEŞİL işaretli BOTTOM LAYER komponentler lehimlencektir.
4. MAVİ işaretli R30, R4, R13,R11 Test aşamasında lehimlenecektir.

## Measurements Sheet

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|  | **A measurement** | | | |
|  | U18 | AMC1301 | GD\_Measurements.SchDoc | SOIC-8 - DWV |
|  | C91 | 330p | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | C86 | 330p | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | R35 | 20K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R37 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R82 | 20K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R84 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | U17 | OPA2196 | GD\_Measurements.SchDoc | SOIC-8 3.9x4.9 |
|  | R86 | 10R | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R87 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R89 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R90 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | C87 | 1n | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | D8 | BAV99 | GD\_Measurements.SchDoc | SOT-523 |
|  | TP9 | Test Point | GD\_Measurements.SchDoc | Test Point |

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|  | **B measurement** | | | |
|  | U12 | AMC1301 | GD\_Measurements.SchDoc | SOIC-8 - DWV |
|  | C73 | 330p | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | C74 | 1n | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | C75 | 330p | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | R24 | 20K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R25 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R69 | 20K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R70 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R73 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R74 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R75 | 10R | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R76 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | D4 | BAV99 | GD\_Measurements.SchDoc | SOT-523 |
|  | TP5 | Test Point | GD\_Measurements.SchDoc | Test Point |
|  | U11 | OPA2196 | GD\_Measurements.SchDoc | SOIC-8 3.9x4.9 |

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|  | **C measurement** | | | |
|  | U1 | AMC1301 | GD\_Measurements.SchDoc | SOIC-8 - DWV |
|  | C52 | 330p | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | C53 | 330p | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | C62 | 1n | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | R2 | 20K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R3 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R54 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R55 | 20K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R57 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R58 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | R61 | 10K | GD\_Measurements.SchDoc | 0603 (1608) |
|  | U2 | OPA2196 | GD\_Measurements.SchDoc | SOIC-8 3.9x4.9 |
|  | D2 | BAV99 | GD\_Measurements.SchDoc | SOT-523 |
|  | TP2 | Test Point | GD\_Measurements.SchDoc | Test Point |
|  | R62 | 10R | GD\_Measurements.SchDoc | 0603 (1608) |

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|  | **5V ISO Supply** | | | |
|  | U13 | NTE0505MC-R | GD\_Measurements.SchDoc | NTE0505MC |
|  | C22 | 10u | GD\_Measurements.SchDoc | CAP\_CAN\_D3 |
|  | C28 | 10u | GD\_Measurements.SchDoc | CAP\_CAN\_D3 |
|  | C76 | 100n | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | C85 | 100n | GD\_Measurements.SchDoc | 0603 (1608) - cap |
|  | R77 | 0R | GD\_Measurements.SchDoc | CAP0603 |
|  | R36 | 1.5K | GD\_Measurements.SchDoc | CAP0603 |
|  | LED10 | LED 0603 | GD\_Measurements.SchDoc | 603 LED |
|  | D7 | 5V1 | GD\_Measurements.SchDoc | SOD123 |

1. TURUNCU işaretli IC komponentler lehimlenecektir.
2. KIRMIZI işaretli TOP LAYER komponentler lehimlenecektir.
3. YEŞİL işaretli BOTTOM LAYER komponentler lehimlenecektir.
4. MAVİ işaretli R77 test aşamasında lehimlenecektir.

## Driver Sheet

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|  | **B1** | | | |
|  | C40 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C46 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C47 | 33u | GD\_Drivers.SchDoc | 1206 Package |
|  | C48 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | R101 | 1K | GD\_Drivers.SchDoc | CAP0603 |
|  | R102 | 1.5K | GD\_Drivers.SchDoc | CAP0603 |
|  | R103 | 2.2K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R97 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | LED16 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | D12 | 6V | GD\_Drivers.SchDoc | SOD123 |
|  | U23 | PES1-S5-S9-M | GD\_Drivers.SchDoc | PES1-M Single Output |
|  | C41 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C95 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C99 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C100 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C96 | 22p | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | R46 | 100R | GD\_Drivers.SchDoc | CAP0603 |
|  | R47 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | R51 | 10R | GD\_Drivers.SchDoc | CAP0603 |
|  | R52 | 2R | GD\_Drivers.SchDoc | CAP0603 |
|  | R53 | 10K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R96 | 750R | GD\_Drivers.SchDoc | 0603 (1608) |
|  | LED14 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | F6 | FB 26 | GD\_Drivers.SchDoc | CIS10P700AC |
|  | U24 | SI8271AB-IS | GD\_Drivers.SchDoc | SOIC-8 |
|  | TP12 | Test Point | GD\_Drivers.SchDoc | Test Point |

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|  | **A2** | | | |
|  | C36 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C42 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C43 | 33u | GD\_Drivers.SchDoc | 1206 Package |
|  | C45 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | R99 | 1K | GD\_Drivers.SchDoc | CAP0603 |
|  | R98 | 1.5K | GD\_Drivers.SchDoc | CAP0603 |
|  | R100 | 2.2K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R95 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | LED15 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | D11 | 6V | GD\_Drivers.SchDoc | SOD123 |
|  | U21 | PES1-S5-S9-M | GD\_Drivers.SchDoc | PES1-M Single Output |
|  | C39 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C93 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C97 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C98 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C94 | 22p | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | R44 | 100R | GD\_Drivers.SchDoc | CAP0603 |
|  | R45 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | R48 | 10R | GD\_Drivers.SchDoc | CAP0603 |
|  | R49 | 2R | GD\_Drivers.SchDoc | CAP0603 |
|  | R50 | 10K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | F5 | FB 26 | GD\_Drivers.SchDoc | CIS10P700AC |
|  | U22 | SI8271AB-IS | GD\_Drivers.SchDoc | SOIC-8 |
|  | TP10 | Test Point | GD\_Drivers.SchDoc | Test Point |

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|  | **B1** | | | |
|  | C31 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C33 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C37 | 33u | GD\_Drivers.SchDoc | 1206 Package |
|  | C38 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | R92 | 1K | GD\_Drivers.SchDoc | CAP0603 |
|  | R94 | 1.5K | GD\_Drivers.SchDoc | CAP0603 |
|  | R93 | 2.2K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R91 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | LED13 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | D10 | 6V | GD\_Drivers.SchDoc | SOD123 |
|  | U20 | PES1-S5-S9-M | GD\_Drivers.SchDoc | PES1-M Single Output |
|  | C32 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C88 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C90 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C92 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C89 | 22p | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | R39 | 100R | GD\_Drivers.SchDoc | CAP0603 |
|  | R38 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | R42 | 10R | GD\_Drivers.SchDoc | CAP0603 |
|  | R41 | 2R | GD\_Drivers.SchDoc | CAP0603 |
|  | R40 | 10K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R88 | 750R | GD\_Drivers.SchDoc | 0603 (1608) |
|  | LED11 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | F4 | FB 26 | GD\_Drivers.SchDoc | CIS10P700AC |
|  | U19 | SI8271AB-IS | GD\_Drivers.SchDoc | SOIC-8 |
|  | TP8 | Test Point | GD\_Drivers.SchDoc | Test Point |

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|  | **B2** | | | |
|  | C25 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C26 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C29 | 33u | GD\_Drivers.SchDoc | 1206 Package |
|  | C30 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | R79 | 1K | GD\_Drivers.SchDoc | CAP0603 |
|  | R83 | 1.5K | GD\_Drivers.SchDoc | CAP0603 |
|  | R81 | 2.2K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R78 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | LED12 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | D9 | 6V | GD\_Drivers.SchDoc | SOD123 |
|  | U15 | PES1-S5-S9-M | GD\_Drivers.SchDoc | PES1-M Single Output |
|  | C24 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C77 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C79 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C82 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C78 | 22p | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | R29 | 100R | GD\_Drivers.SchDoc | CAP0603 |
|  | R28 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | R34 | 10R | GD\_Drivers.SchDoc | CAP0603 |
|  | R33 | 2R | GD\_Drivers.SchDoc | CAP0603 |
|  | R32 | 10K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | F3 | FB 26 | GD\_Drivers.SchDoc | CIS10P700AC |
|  | U14 | SI8271AB-IS | GD\_Drivers.SchDoc | SOIC-8 |
|  | TP7 | Test Point | GD\_Drivers.SchDoc | Test Point |

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|  | **C1** | | | |
|  | C19 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C18 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C20 | 33u | GD\_Drivers.SchDoc | 1206 Package |
|  | C23 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | R67 | 1K | GD\_Drivers.SchDoc | CAP0603 |
|  | R72 | 1.5K | GD\_Drivers.SchDoc | CAP0603 |
|  | R71 | 2.2K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R68 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | LED9 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | D5 | 6V | GD\_Drivers.SchDoc | SOD123 |
|  | U10 | PES1-S5-S9-M | GD\_Drivers.SchDoc | PES1-M Single Output |
|  | C17 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C71 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C70 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C72 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C69 | 22p | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | R16 | 100R | GD\_Drivers.SchDoc | CAP0603 |
|  | R14 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | R22 | 10R | GD\_Drivers.SchDoc | CAP0603 |
|  | R20 | 2R | GD\_Drivers.SchDoc | CAP0603 |
|  | R18 | 10K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R66 | 750R | GD\_Drivers.SchDoc | 0603 (1608) |
|  | LED2 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | F2 | FB 26 | GD\_Drivers.SchDoc | CIS10P700AC |
|  | U9 | SI8271AB-IS | GD\_Drivers.SchDoc | SOIC-8 |
|  | TP3 | Test Point | GD\_Drivers.SchDoc | Test Point |

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|  | **C2** | | | |
|  | C4 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C2 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | C6 | 33u | GD\_Drivers.SchDoc | 1206 Package |
|  | C11 | 10u | GD\_Drivers.SchDoc | 1206 Package |
|  | R56 | 1K | GD\_Drivers.SchDoc | CAP0603 |
|  | R65 | 1.5K | GD\_Drivers.SchDoc | CAP0603 |
|  | R63 | 2.2K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | R59 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | LED1 | LED 0603 | GD\_Drivers.SchDoc | 603 LED |
|  | D3 | 6V | GD\_Drivers.SchDoc | SOD123 |
|  | U5 | PES1-S5-S9-M | GD\_Drivers.SchDoc | PES1-M Single Output |
|  | C54 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C57 | 100n | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C55 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C60 | 1u | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | C56 | 22p | GD\_Drivers.SchDoc | 0603 (1608) - cap |
|  | R66 | 100R | GD\_Drivers.SchDoc | CAP0603 |
|  | R5 | 0R | GD\_Drivers.SchDoc | CAP0603 |
|  | R10 | 10R | GD\_Drivers.SchDoc | CAP0603 |
|  | R9 | 2R | GD\_Drivers.SchDoc | CAP0603 |
|  | R8 | 10K | GD\_Drivers.SchDoc | 0603 (1608) |
|  | F1 | FB 26 | GD\_Drivers.SchDoc | CIS10P700AC |
|  | U3 | SI8271AB-IS | GD\_Drivers.SchDoc | SOIC-8 |
|  | TP1 | Test Point | GD\_Drivers.SchDoc | Test Point |

1. TURUNCU işaretli IC komponentler lehimlenecektir.
2. KIRMIZI işaretli TOP LAYER komponentler lehimlenecektir.
3. YEŞİL işaretli BOTTOM LAYER komponentler lehimlenecektir.
4. Önceden lehimlenmemiş olan Main Sheet’e ait J1, J2 ve J4 & Bridges Sheet’ine ait C50, C34, C8 lehimlenecektir.
5. MAVİ işaretli R97, R47, F6, R95, R45, F5, R91, R38, F4, R78, R28, F3, R68, R14, F2, R59, R5, F1 test aşamasında lehimlenecektir.