

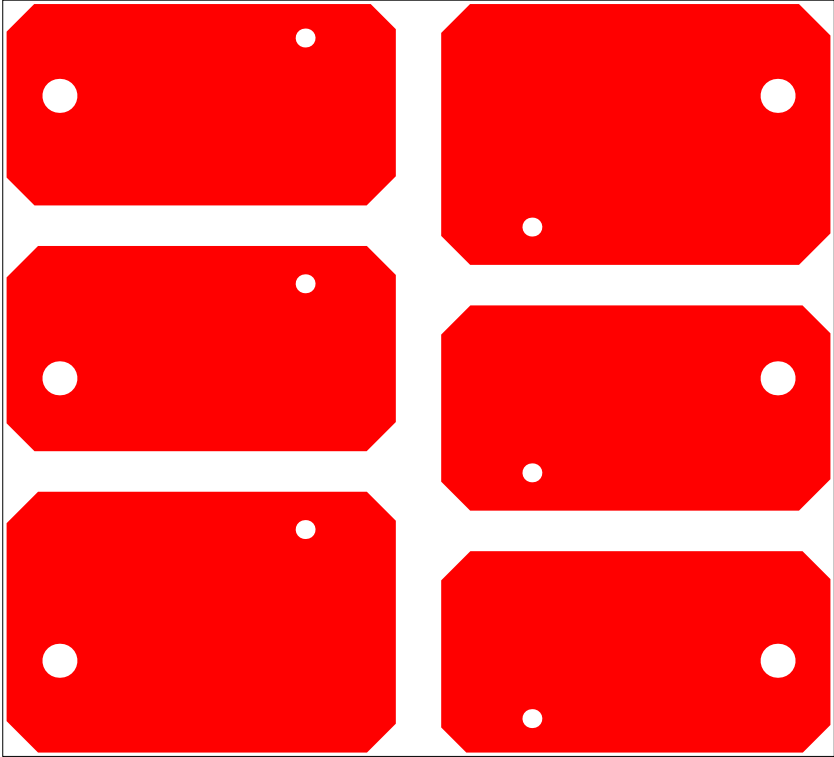
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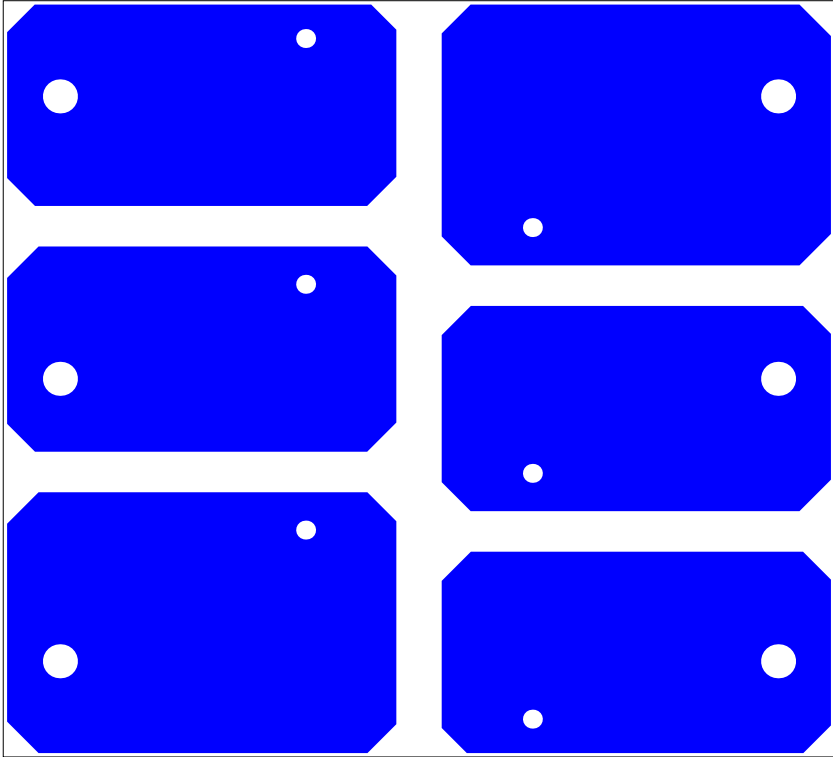
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| Haz/Prep Hamit Can Dinç | | Rev 1 | | | | |
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| | Ortam/Env Altium Designer | Syfnin/Shts / Sayfasi/Sht 1 / 6 | Tarih/Date 28.06.2024 | Deg Onay/Change Appr Hamit Can | Deg Tarihi/Chng Date 28.06.2024 | Form A3 |

Bakır Katmanları / Copper Layers

Top Layer (Scale 1:1)



Bottom Layer (Scale 1:1)



Notlar / Notes

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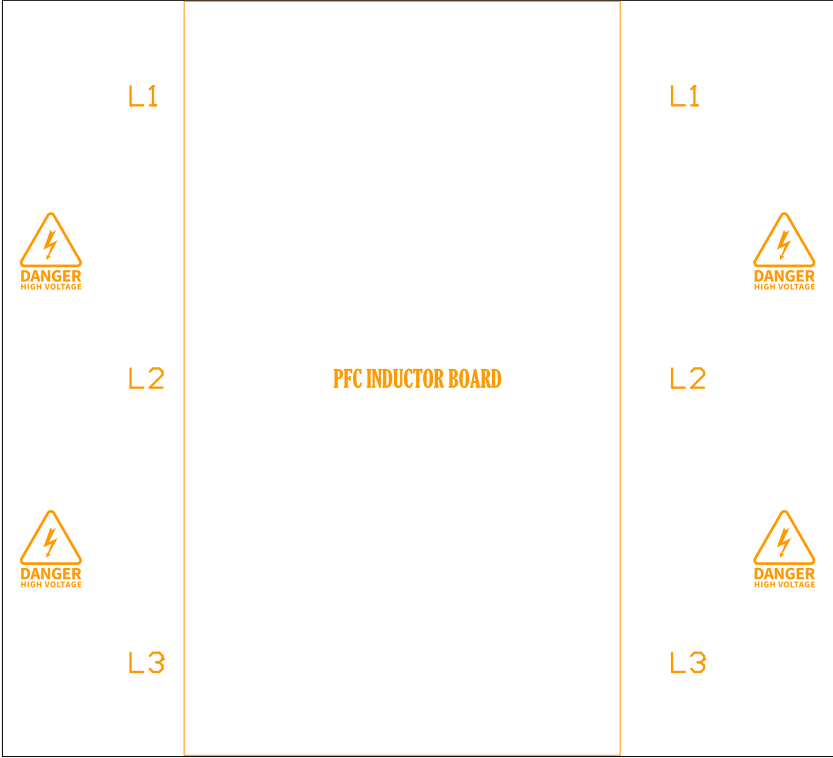
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Baskı Katmanları / Overlay Layers

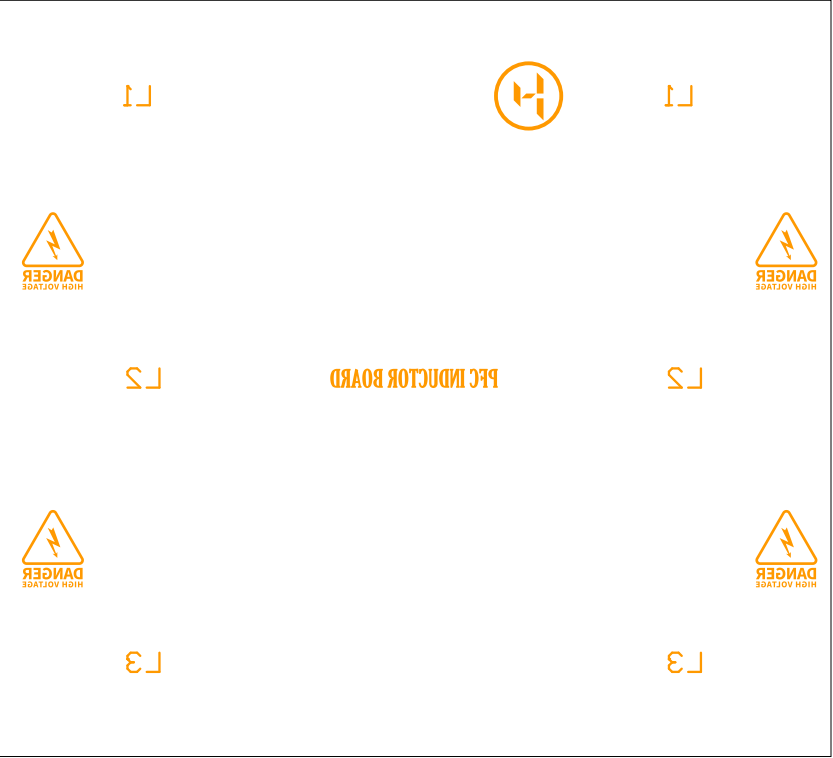
Her hakkı mahfuzdur. Yazılı izin olmadan dokümanların hiç bir kısmı kopya, kayıt, basım veya diğer herhangi bir şekilde çoğaltılamaz ve yayınlanamaz.

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Top Overlay (Scale 1:1)



Bottom Overlay (Scale 1:1)



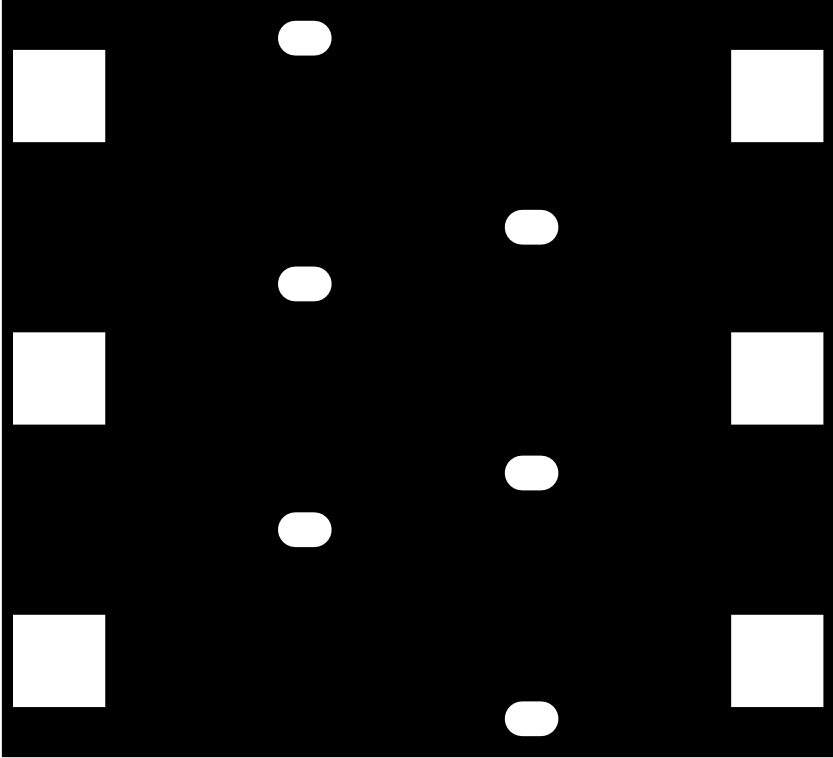
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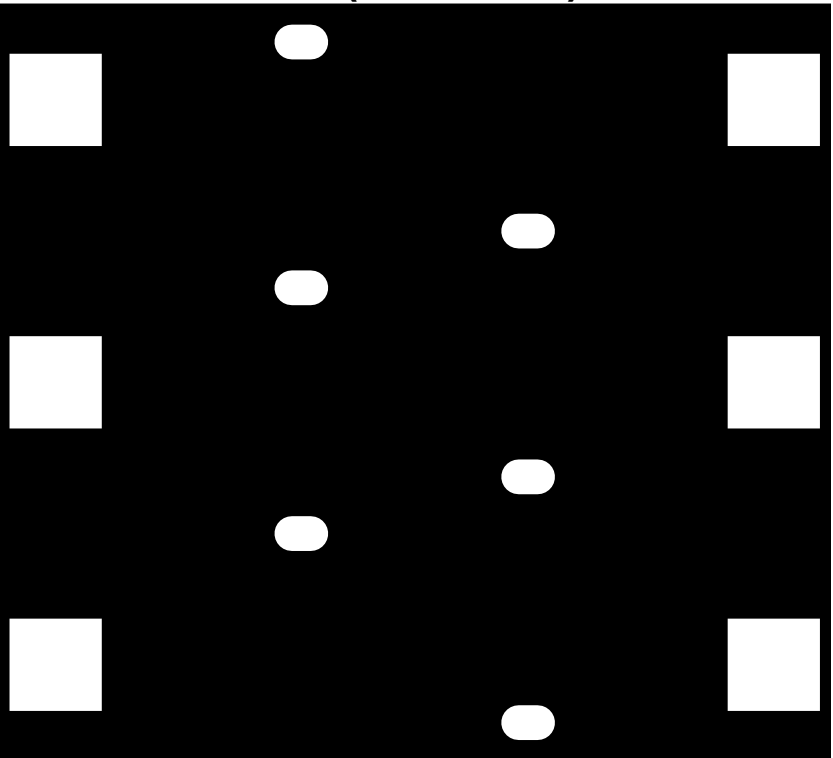
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Lehim Katmanları / Solder Layer

Top Solder (Scale 1:1)



Bottom Solder (Scale 1:1)



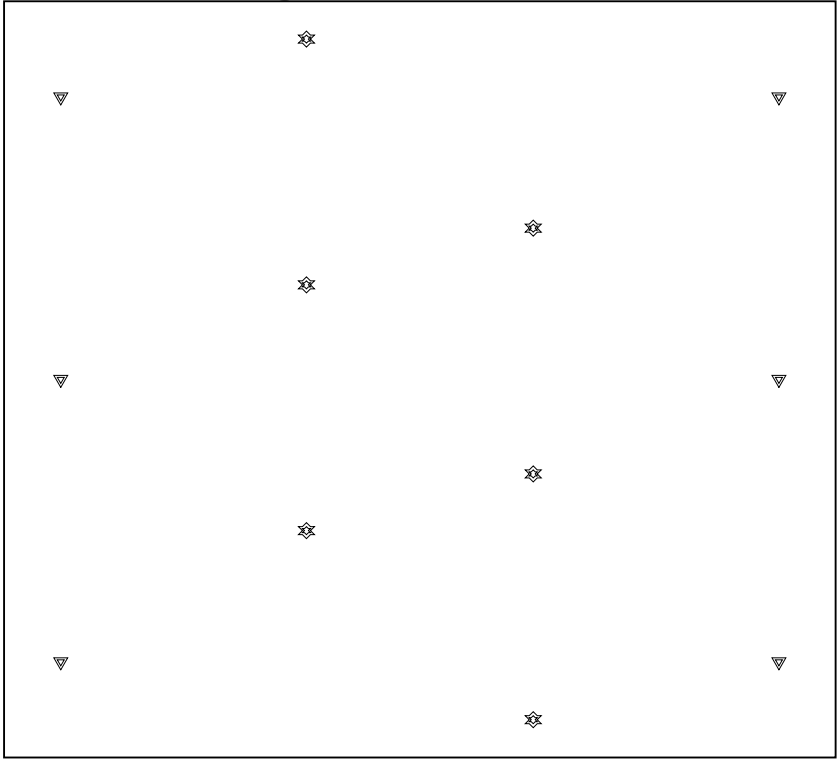
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Delik Tablosu ve Çizimi / Drill Table and Drawing

Drill Drawing View (Scale 1:1)



Delik Tablosu / Drill Table

| Symbol | Count | Hole Size | Plated | Hole Type | Via / Pad | Pad Shape | Template | Hole Tolerance |
|----------|-------|-------------------|--------|-----------|-----------|-------------|--------------------------|----------------|
| ✳ | 6 | 2.50mm(98.43mil) | Plated | Round | Pad | Rounded | r700_450h250r100m705_455 | |
| ▽ | 6 | 4.50mm(177.17mil) | Plated | Round | Pad | Rectangular | s1200h450 | |
| 12 Total | | | | | | | | |

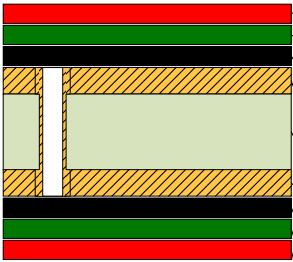
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Katman Tasarımı / Stack-Up Design

Layer Stack Legend



| Material | Layer | Thickness | Dielectric Material | Type | Gerber |
|------------------|-----------------------|------------------------|---------------------|----------------|------------|
| | Top Overlay | | | Legend | GTO |
| Surface Material | Top Solder | 0.03mm(1.00mil) | SM-001 | Solder Mask | GTS |
| PbSn | Top Surface Finish | 0.02mm(0.79mil) | | Surface Finish | |
| CF-004 | Top Layer | 0.04mm(1.38mil) | | Signal | GTL |
| Core | | 1.50mm(59.00mil) | Core-043 | Dielectric | |
| CF-004 | Bottom Layer | 0.04mm(1.38mil) | | Signal | GBL |
| PbSn | Bottom Surface Finish | 0.02mm(0.79mil) | | Surface Finish | |
| Surface Material | Bottom Solder | 0.03mm(1.00mil) | SM-001 | Solder Mask | GBS |
| | Bottom Overlay | | | Legend | GBO |

Total thickness: 1.66mm(65.33mil)

PCB Üretim Özeti / PCB Manufacturing Summary

| | |
|-----------------------------------|------------------------|
| Board ID: | PFC INDUCTOR BOARD |
| Quantity: | 20 |
| Dimensions [mm]: | 100 x 110 mm |
| Layers: | 2 |
| Substrate: | FR-4, Tg:150-160 |
| Total Thickness: | 1.6mm |
| Copper Weight: | Top/Bottom: 1 Oz |
| Surface Finish: | LeadFree HASL |
| Controlled Impedance: | No |
| Panel Separating Way: | No |
| Number of Different Boards: | 1 |
| Via Process: | Tented, Filled w/Resin |
| Solder Mask Color: | Green |
| Silkscreen Color: | White |
| Minimum Hole Size [mm]: | 0,350mm (13mil) |
| Minimum Clearance / Spacing [mm]: | 1mm |
| V-CUT: | Yes |
| Via Fill: | Yes |
| Additional Notes: | Class-2 |
| | |

Notlar / Notes

| No | Açıklama / Description |
|----|--|
| 1 | PCB üretimi yukarıdaki tablo referans alınarak yapılmalıdır! |
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