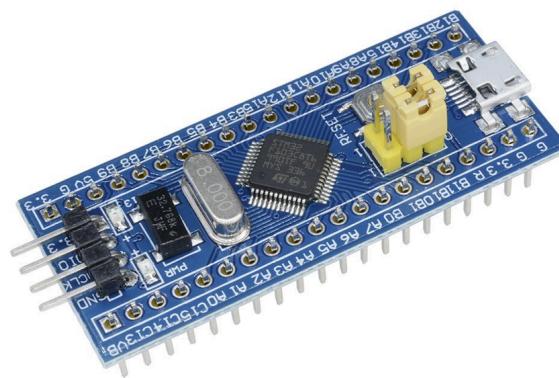


# ASELSAN MESLEKİ TEKNİK VE ANADOLU LİSESİ



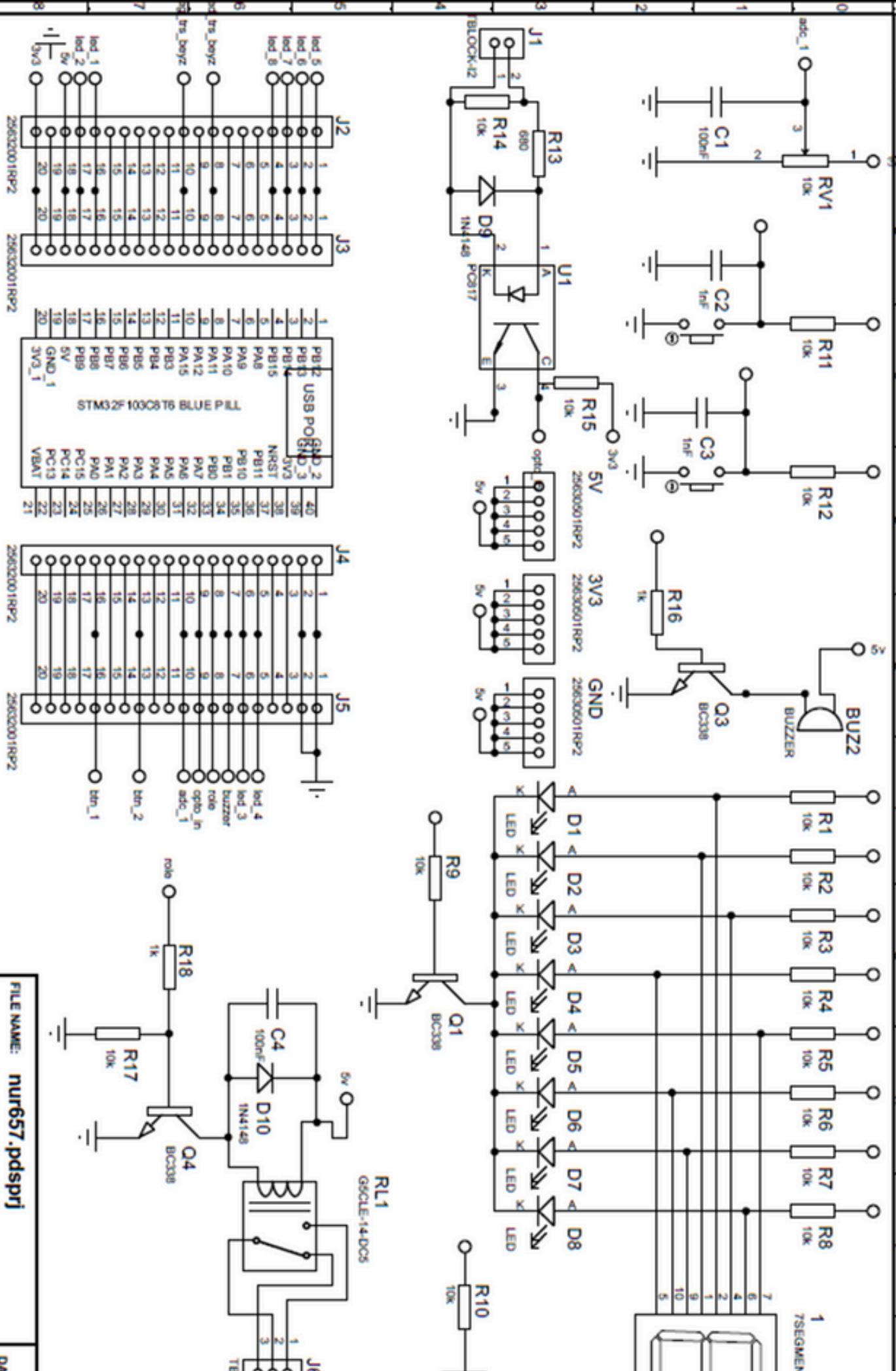
## STM32F103 GELİŞTİRME KARTI:



**Hazırlayan:**

**NEJLANUR TÜTÜNCÜ**

**657 II/B**

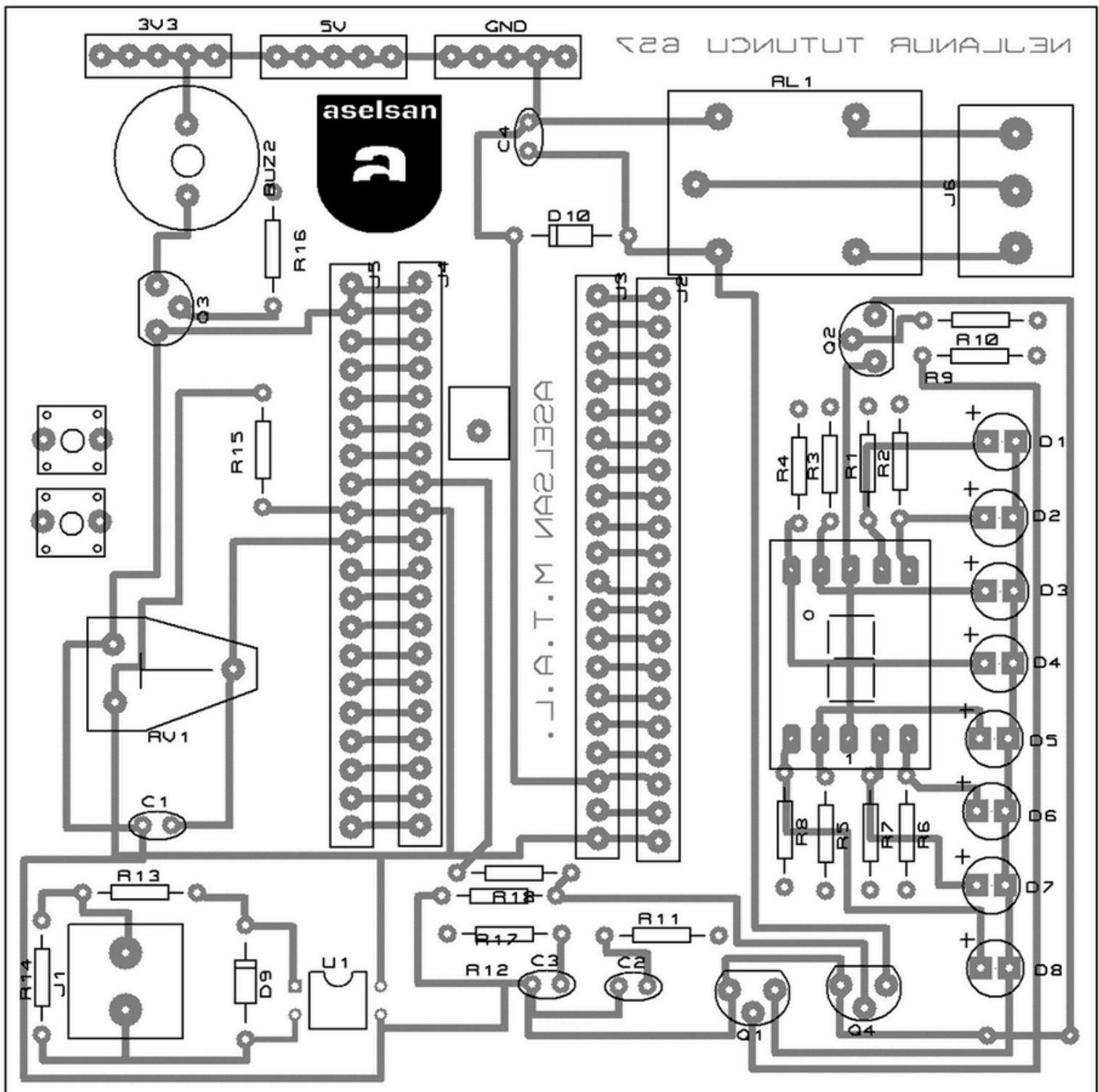


FILE NAME: nur657.pdsprj

PATH: C:\Users\Nur\OneDrive\Masaüstü\nur657.pdf | rjpmw



DEVRE ŞEMASI



YERLEŞİM PLANI

# **MALZEME LİSTESİ:**

## **1-RESİSTORS**

**6 Adet - R1, R2, R14, R15, R16, R18= 100nf**

**4 Adet- R3, R12, R13, R17= 1k**

**8 Adet = R4, R5, R6, R7, r(, r), R10, R11=100**

## **2-CAPASİTORS**

**4 Adet= C1, C2, C3, C4 =100nF**

## **3-DİODES**

**8 Adet= D1-D8= led**

**2 Adet- D9, D10=ln4l48**

## **4-MİSCELLANEOUS**

**1 Adet- RV tripot**

**2 Adet - Button**

**1 Adet- Buzzer**

**4 Adet- Q1, Q2, Q3, Q4 = BC338**

**1 Adet= 2'li pin**

**1 Adet= 3'lü pin**

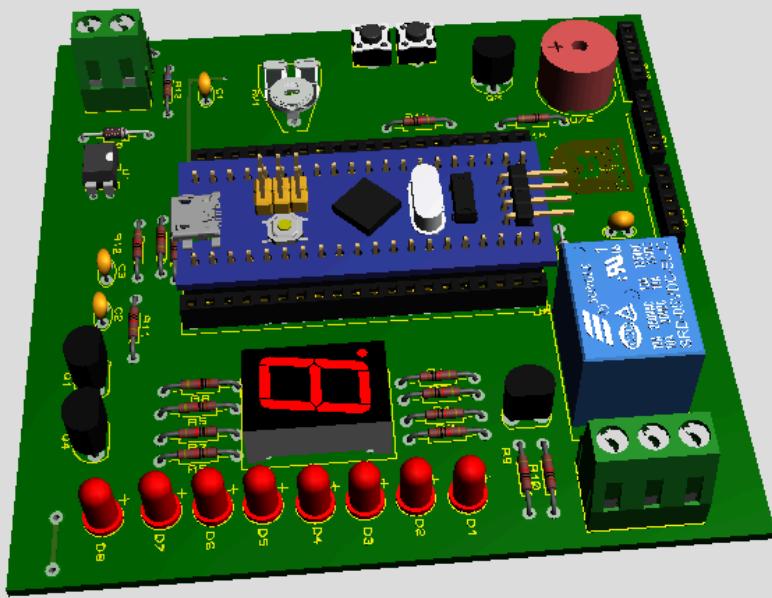
**4 Adet= 20'li pin**

**3 Adet= 5'li pin**

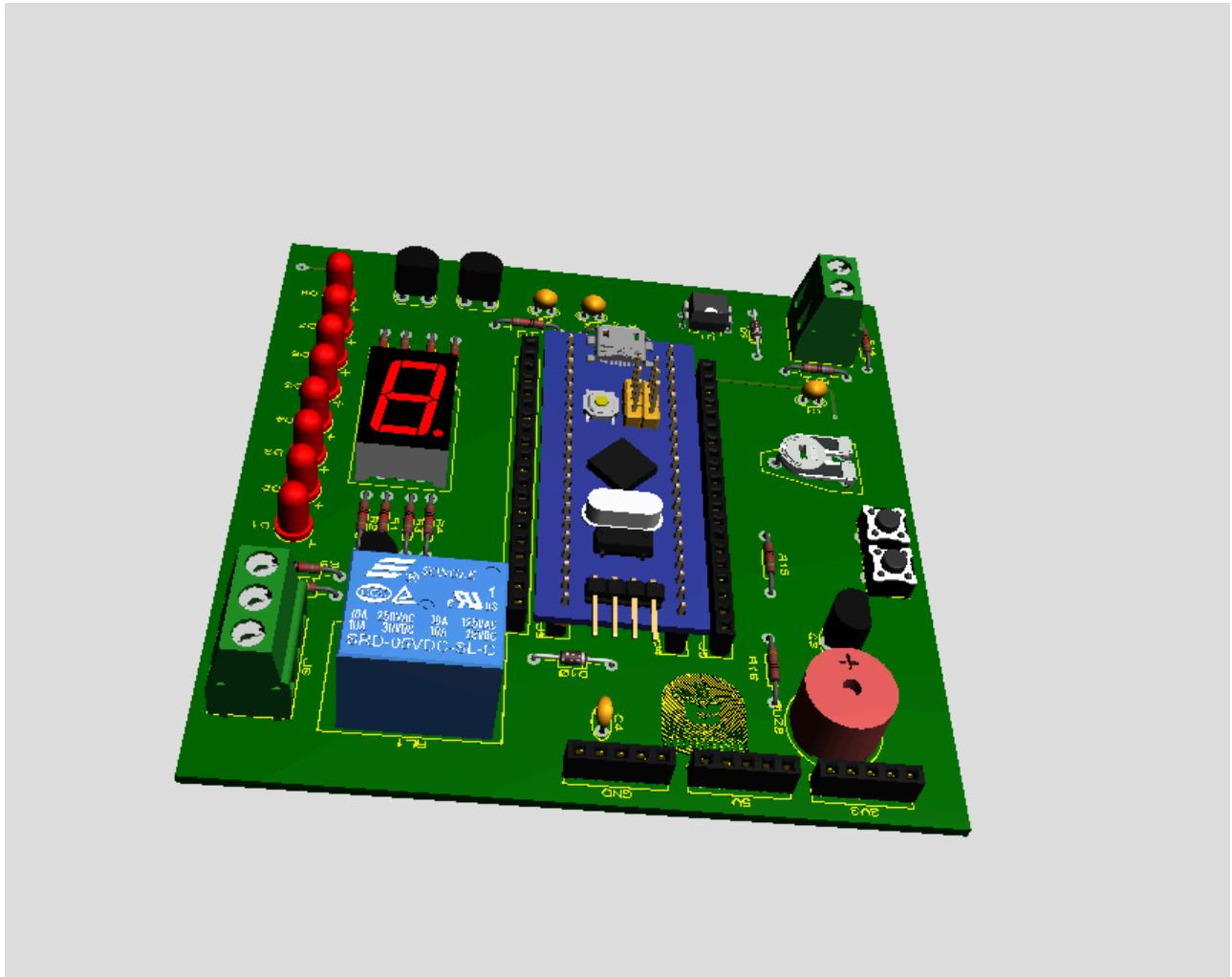
**1 Adet- Röle**

**1 Adet=PCB17 (opto coupler)**

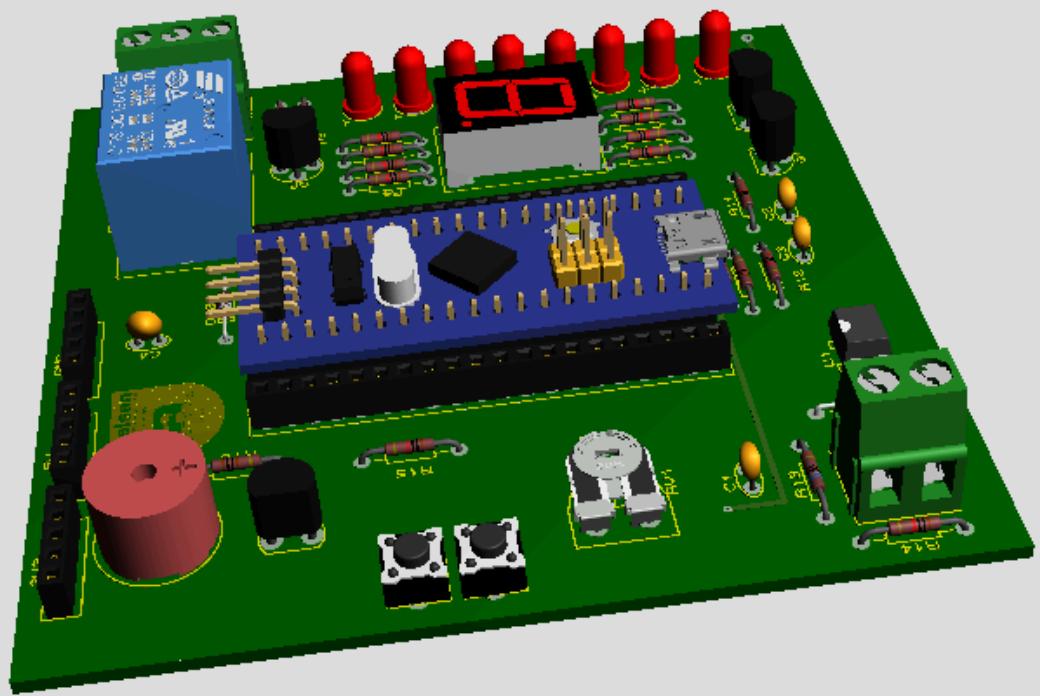
**1 Adet- STM32\_BLUE\_PİLL**



3D görünümde bir tanesi hariç diğerlerinde mavi STM32F103 bluepill kartı görünecektir.

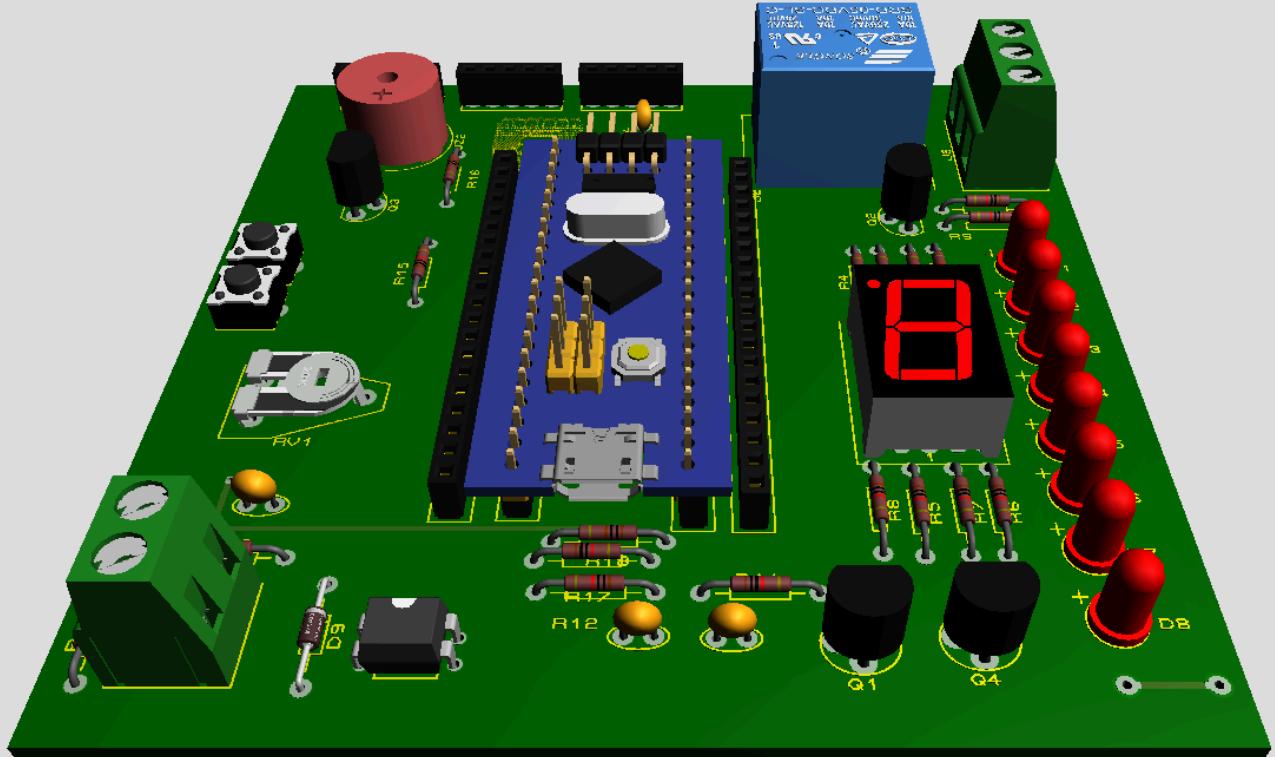


**kartın üst katmanı tüm açılardan görüntülenecektir.**



Bluepill kartının pcb üzerine yerlesim yönüne dikkat edin.  
ters yerlestirmeyin!





Wind  
ver. 1

