

# **ASELSAN MESLEKİ VE TEKNİK ANADOLU LİSESİ**

## **STM32F103 GELİŞTİRME KARTI**

**Hazırlayan:**

**Adı: Zehranur Bayraktar**

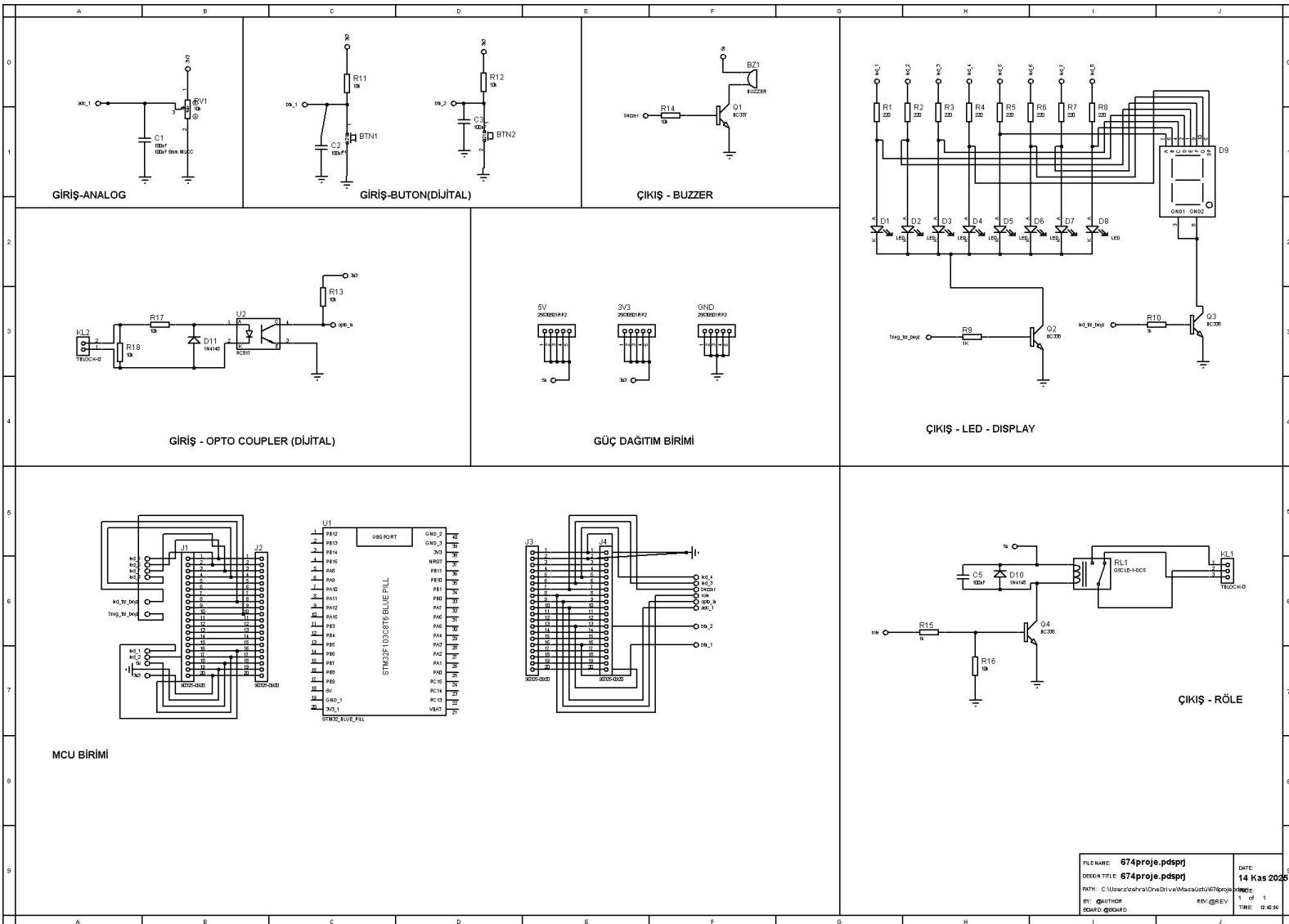
**Sınıfı: 11/A**

**No:674**

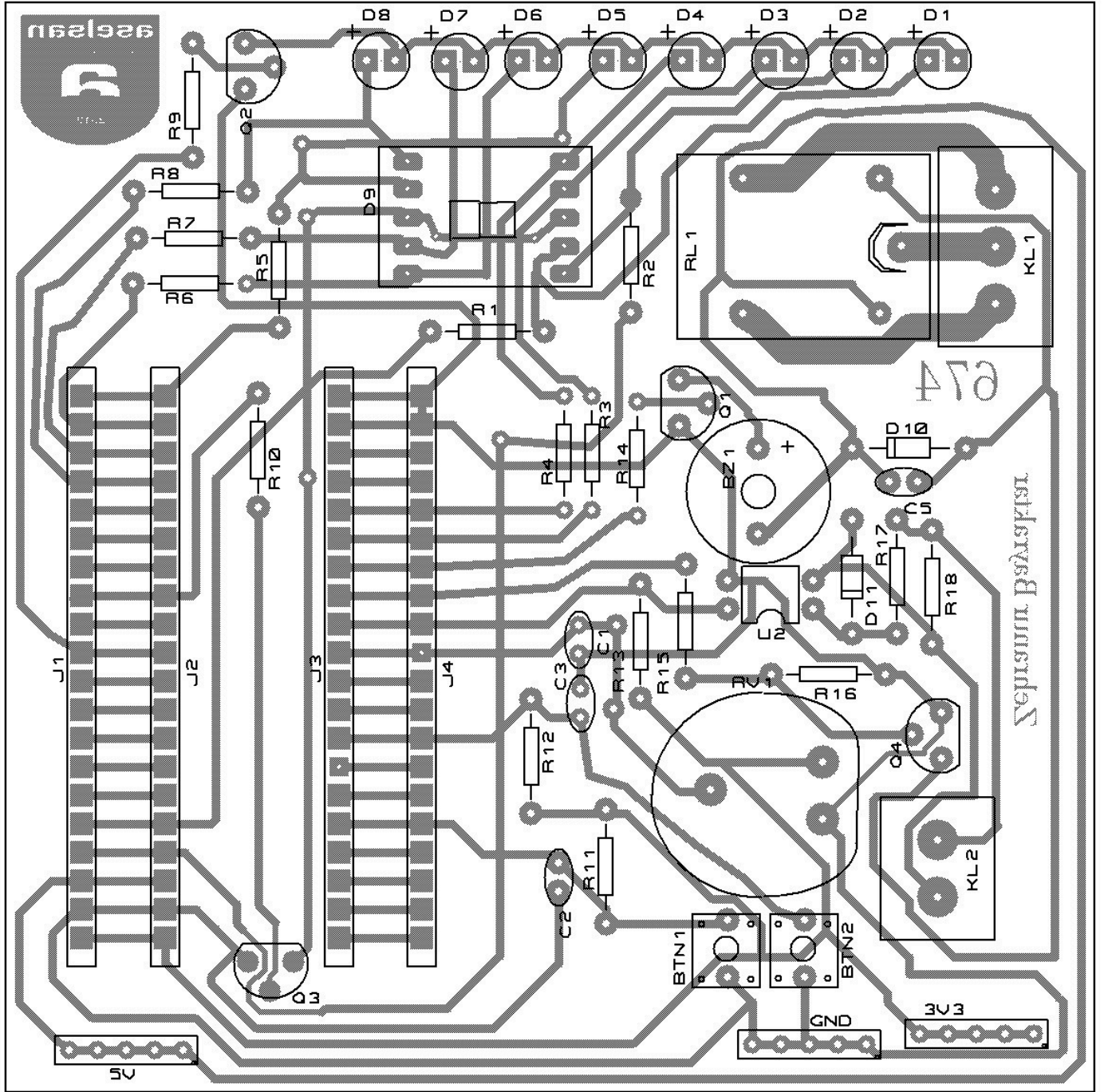
**Ders Öğretmeni: Mustafa Seyhan**



# ISIS DEVRE ŞEMASI



# YERLEŞME PLANI (OVERLAY)



Bill Of Materials for 674proje

Design Title 674proje  
Author  
Document Number  
Revision  
Design Created 12 Kasım 2025 Çarşamba  
Design Last Modified 14 Kasım 2025 Cuma  
Total Parts In Design 53

|                       |                 |                 |                     |           |
|-----------------------|-----------------|-----------------|---------------------|-----------|
| 0 Modules             |                 |                 |                     |           |
| Quantity              | References      | Value           | Stock Code          | Unit Cost |
| Sub-totals:           |                 |                 |                     | ₺0.00     |
| 4 Capacitors          |                 |                 |                     |           |
| Quantity              | References      | Value           | Stock Code          | Unit Cost |
| 4                     | C1-C3,C5        | 100nF           |                     |           |
| Sub-totals:           |                 |                 |                     | ₺0.00     |
| 18 Resistors          |                 |                 |                     |           |
| Quantity              | References      | Value           | Stock Code          | Unit Cost |
| 8                     | R1-R8           | 220             |                     |           |
| 1                     | R9              | 1K              |                     |           |
| 2                     | R10,R15         | 1k              |                     |           |
| 7                     | R11-R14,R16-R18 | 10k             |                     |           |
| Sub-totals:           |                 |                 |                     | ₺0.00     |
| 2 Integrated Circuits |                 |                 |                     |           |
| Quantity              | References      | Value           | Stock Code          | Unit Cost |
| 1                     | U1              | STM32_BLUE_PILL |                     |           |
| 1                     | U2              | PC817           |                     |           |
| Sub-totals:           |                 |                 |                     | ₺0.00     |
| 4 Transistors         |                 |                 |                     |           |
| Quantity              | References      | Value           | Stock Code          | Unit Cost |
| 1                     | Q1              | BC337           |                     |           |
| 3                     | Q2-Q4           | BC338           |                     |           |
| Sub-totals:           |                 |                 |                     | ₺0.00     |
| 11 Diodes             |                 |                 |                     |           |
| Quantity              | References      | Value           | Stock Code          | Unit Cost |
| 7                     | D1-D6,D8        | LED             |                     |           |
| 2                     | D7,D9           |                 |                     |           |
| 2                     | D10-D11         | 1N4148          |                     |           |
| Sub-totals:           |                 |                 |                     | ₺0.00     |
| 14 Miscellaneous      |                 |                 |                     |           |
| Quantity              | References      | Value           | Stock Code          | Unit Cost |
| 3                     | 3V3,5V,GND      | 25630501RP2     | NorComp 25630501RP2 |           |
| 2                     | BTN1-BTN2       |                 |                     |           |
| 1                     | BZ1             | BUZZER          |                     |           |
| 4                     | J1-J4           | 90325-0920      | Molex 0903250920    |           |
| 1                     | KL1             | TBLOCK-I3       |                     |           |
| 1                     | KL2             | TBLOCK-I2       |                     |           |
| 1                     | RL1             | G5CLE-1-DC5     |                     |           |
| 1                     | RV1             | 10k             |                     |           |
| Sub-totals:           |                 |                 |                     | ₺0.00     |
| Totals:               |                 |                 |                     | ₺0.00     |



