Muhammed Numan Bulutlu   11/A - 687
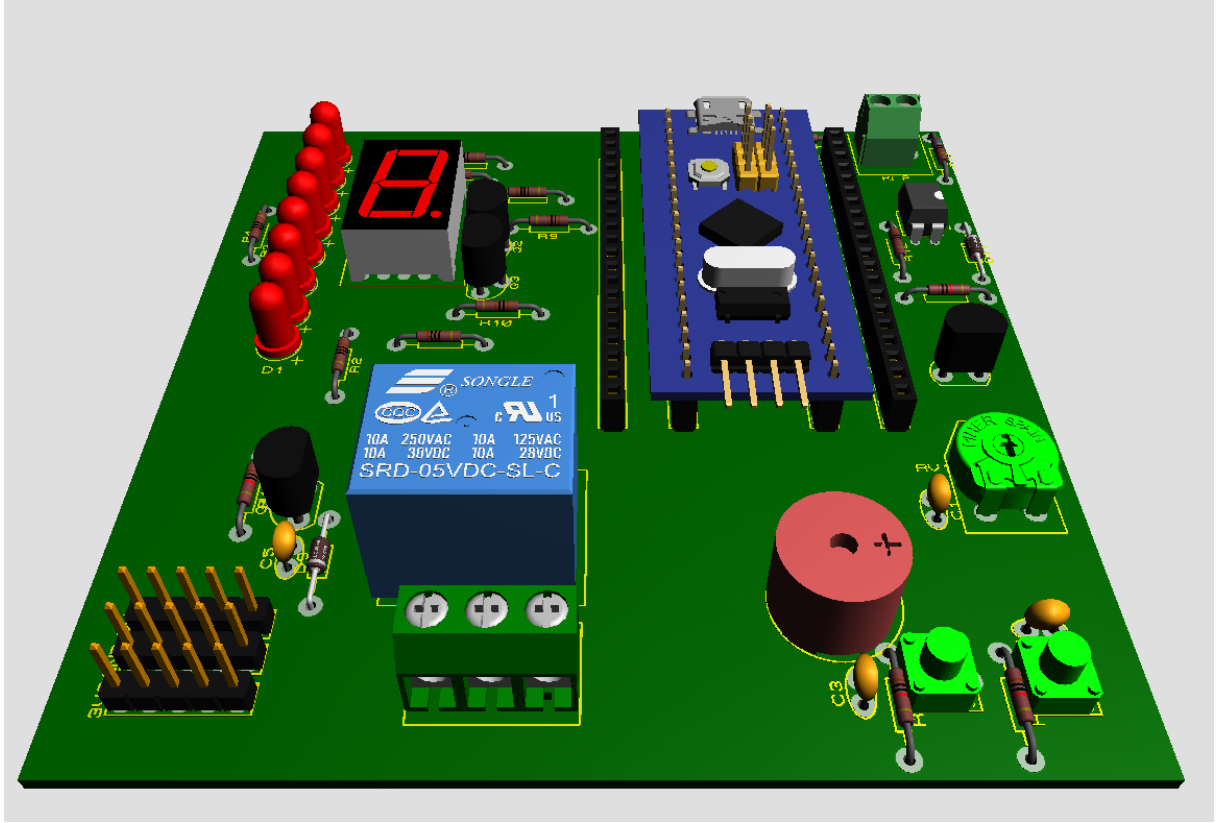
STM32 BLUEPİLL Geliştirme Kartı

14/11/2025

Devre Şeması

GIRIS - ANALOG

GIRIS - BUTON (Dijital)

GIRIS - OPTO COUPLER (Dijital)

CIKIS - BUZZER
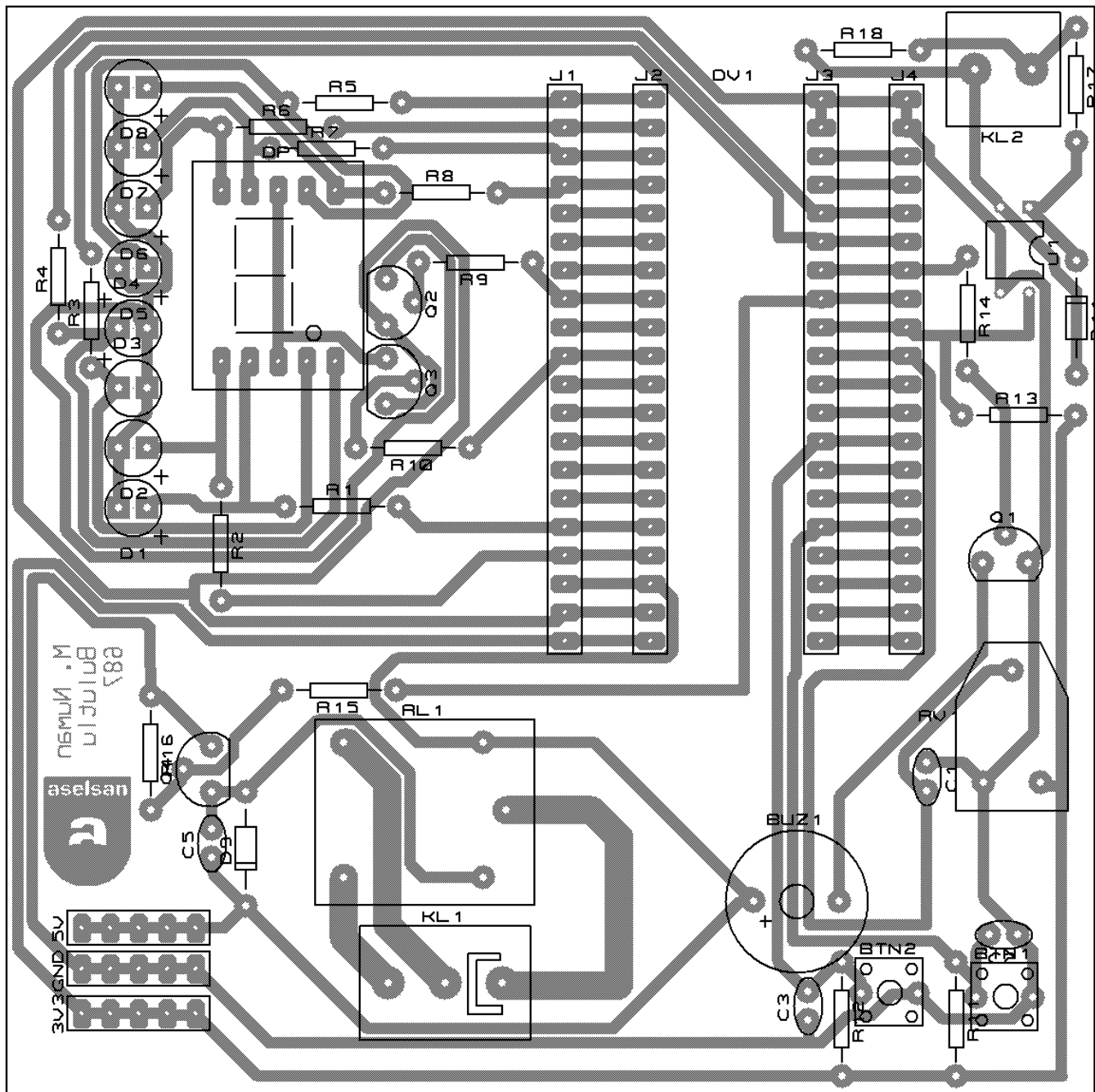
GUC DAGITIM BIRIMI

CIKIS - LED - DISPLAY

CIKIS - ROLE

MCU BIRIMI

M. Numan Bulutlu
11/A 687
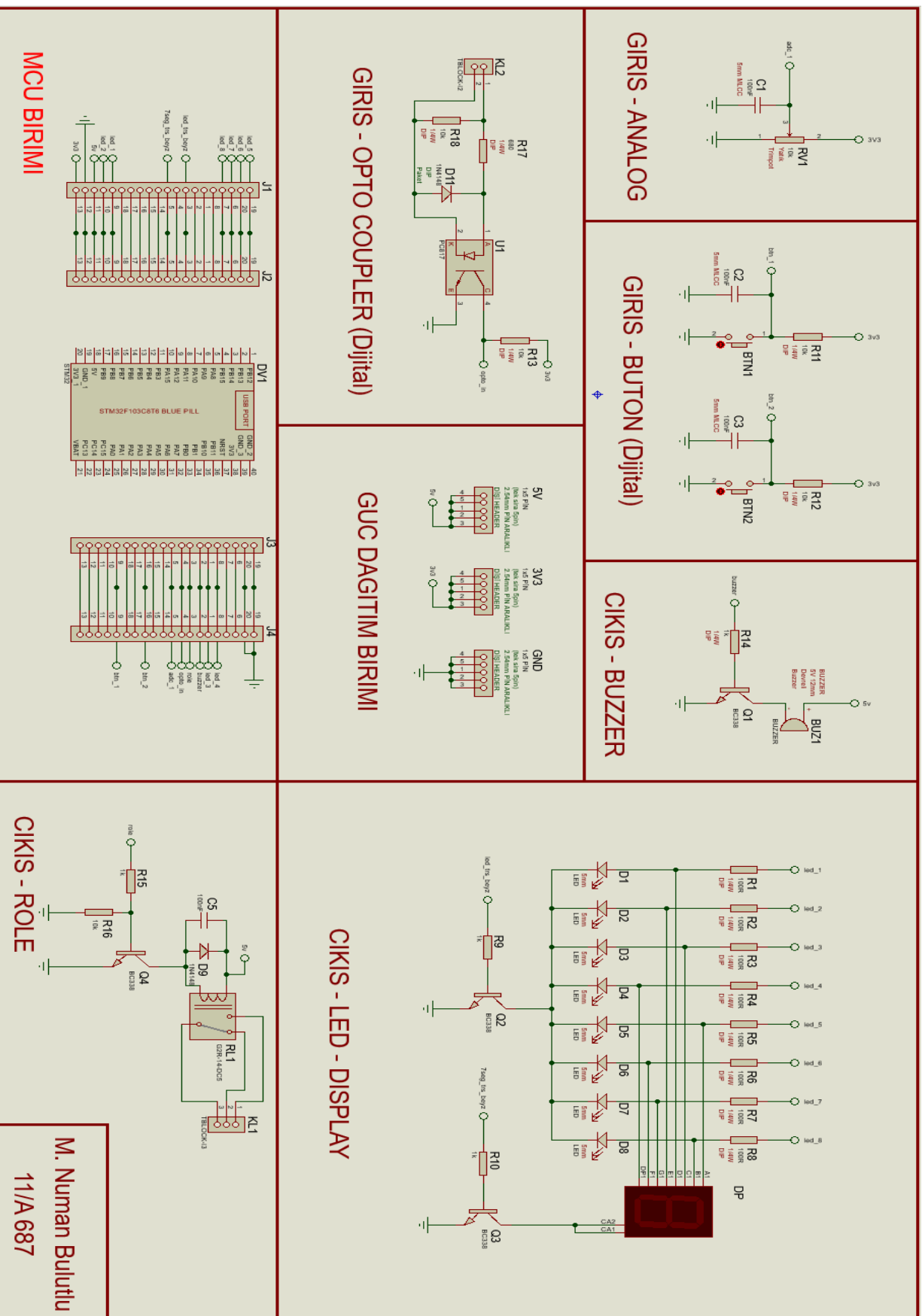
Bill Of Materials for 687

Design Title 687
Author
Document Number
Revision
Design Created 14 Kasım 2025 Cuma
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	100R		
4	R9-R10, R14-R15	1k		
5	R11-R13, R16, R18	10k		
1	R17	680		
Sub-totals:				₺0,00

1 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	PC817		
Sub-totals:				₺0,00

4 Transistors

Quantity	References	Value	Stock Code	Unit Cost
4	Q1-Q4	BC338		
Sub-totals:				₺0,00

10 Diodes

Quantity	References	Value	Stock Code	Unit Cost
8	D1-D8	LED		
2	D9, D11	1N4148		
Sub-totals:				₺0,00

16 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
3	3V3, 5V, GND	1x5 PİN		
3	BTN1-BTN2, DP			
1	BUZ1	BUZZER		
1	DV1	STM32		
4	J1-J4		NorComp 26632001RP2	
1	KL1	TBLOCK-I3		
1	KL2	TBLOCK-I2		
1	RL1	G2R-14-DC5		
1	RV1	10k		

Malzeme Listesi (BOM)

PCB Overlay