

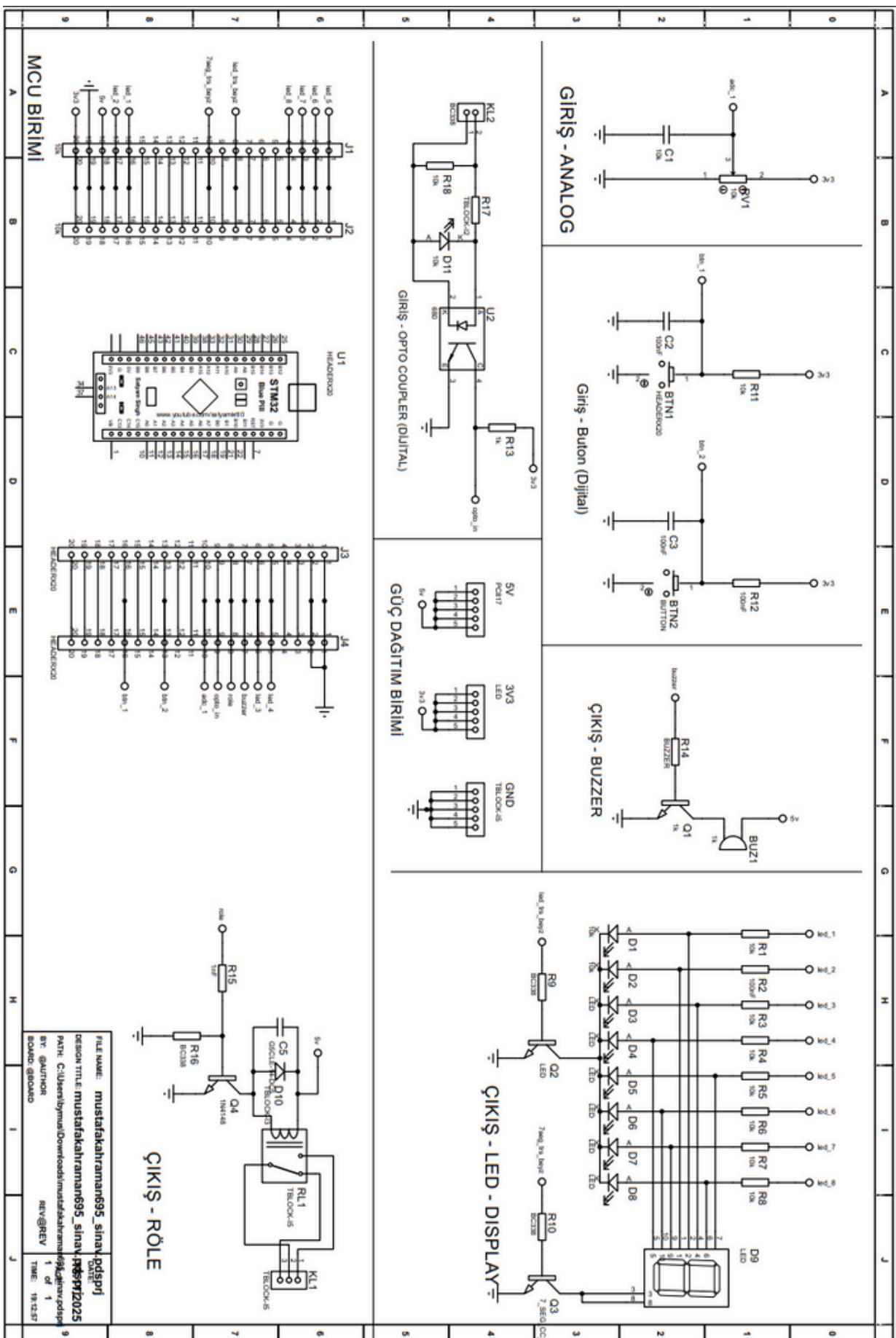
# STM32F103 GELİŞTİRME KARTI

HAZIRLAYAN:  
Mustafa KAHRAMAN

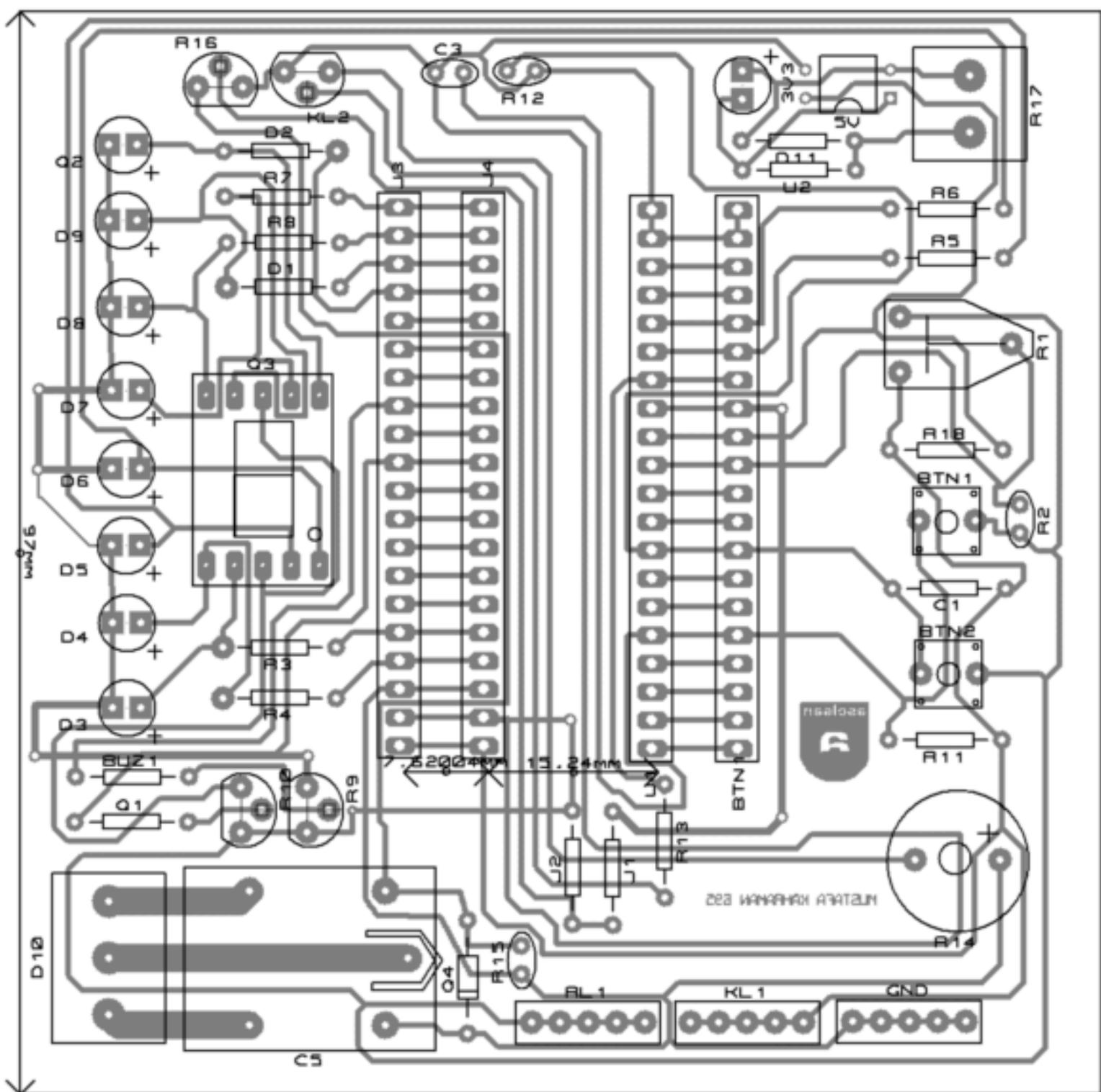
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DERS  
ÖĞRETMENİ:

Mustafa SEYHAN



# DEVRE ŞEMASI



## YERLEŞİM PLANI(OVERLAY)

# Bill Of Materials for mustafakahraman695\_sinav

Design Title m us tafakahram an695\_s inav

Author

Document Number

R evision

Design Created 16 Kasım 2025 Pazar

Design Last Modified 17 Kasım 2025

Total Parts In Design Pazartesi 53

0 Modules				
Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				₺0,00
4 Capacitors				
Quantity	References	Value	Stock Code	Unit Cost
1	C1	10k		
2	C2 - C3	100nF		
1	C5	G5CLE-14-DC5		
Sub-totals:				₺0,00
18 Resistors				
Quantity	References	Value	Stock Code	Unit Cost
9	R1,R3-R8,R11,R18	10k		
2	R2, R12	100nF		
3	R9-R10,R16	B C338		
1	R13	1k		
1	R14	B UZZE R		
1	R15	1nF		
1	R17	TB L OCK - I2		
Sub-totals:				₺0,00
2 Integrated Circuits				
Quantity	References	Value	Stock Code	Unit Cost
1	U1	HE A DE RX2 0		
1	U2	680		
Sub-totals:				₺0,00
4 Transistors				
Quantity	References	Value	Stock Code	Unit Cost
1	Q1	1k		
1	Q2	LED		
1	Q3	7_S E G_CC_14 MM		
1	Q4	1N4148		
Sub-totals:				₺0,00
11 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
3	D1-D2,D11	10k		
7	D3 - D9	LED		
1	D10	TB L OCK - I3		
Sub-totals:				₺0,00
14 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
1	3V3	LED		
1	5V	P C817		
3	BTN1,J3-J4	HE A DE RX2 0		
1	BTN2	B UTTON		
1	BUZ1	1k		
3	GND, KL1, RL1	TB L OCK - I5		

3	J1-J2,RV1	10k	
1	KL2	B C338	
Sub-totals:			₺0,0
Totals:			0
			₺0,0

0

17 Kasım 2025 Pazartesi

19:29:41

