

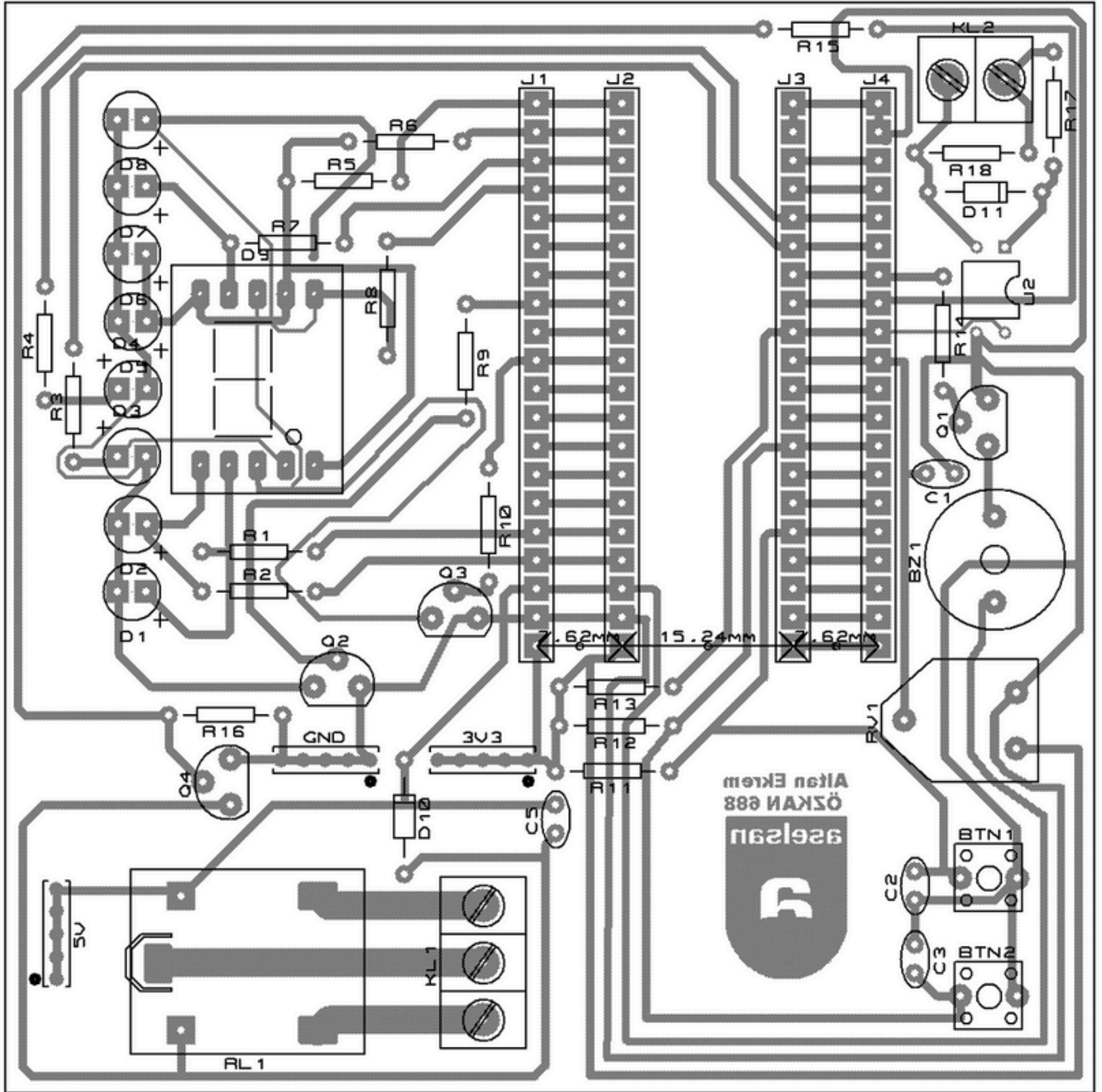
STM32F103

GELİŞTİRME KARTI

HAZIRLAYAN:
ALTAN EKREM ÖZKAN

SINIF - NUMARA:
11/A 688

DERS ÖĞRETMENİ:
MUSTAFA SEYHAN



Yerleşim Planı (Overlay)

Bill Of Materials for 688

Design Title 688
Author
Document Number
Revision
Design Created 12 Kasım 2025 Çarşamba
Design Last Modified 19 Kasım 2025 Çarşamba
Total Parts In Design 52

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,C5	100nF		
1	C3	BUZZER		
Sub-totals:				£0,00
18 Resistors				
Quantity	References	Value	Stock Code	Unit Cost
7	R1-R7	100R		
1	R8	LED		
3	R9-R10,R15	1k		
1	R11	100nF		
4	R12-R13,R16-R17	10k		
1	R14	BC338		
1	R18	1N4148		
Sub-totals:				£0,00
1 Integrated Circuits				
Quantity	References	Value	Stock Code	Unit Cost
1	U2	BC338		
Sub-totals:				£0,00
4 Transistors				
Quantity	References	Value	Stock Code	Unit Cost
1	Q1	1K		
2	Q2,Q4	BC338		
1	Q3	26632001RP2		
Sub-totals:				£0,00
11 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
7	D1-D7	LED		
1	D8	BC338		
2	D9-D10			
1	D11	1k		
Sub-totals:				£0,00
14 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
1	3V3		NorComp 25630501RP2	
1	5V	10k	NorComp 25630501RP2	
1	BTN1	10K		
2	BTN2,KL2	100nF		
1	BZ1	100R		
1	GND	G5CLE-14-DC5	NorComp 25630501RP2	
1	J1	26632001RP2	NorComp 26632001RP2	
3	J2-J4		NorComp 26632001RP2	
1	KL1	PC817		
1	RL1	TBLOCK-I3		
1	RV1	26632001RP2		
Sub-totals:				£0,00
Totals:				£0,00

