



Aselsan Mesleki ve
Teknik Anadolu Lisesi

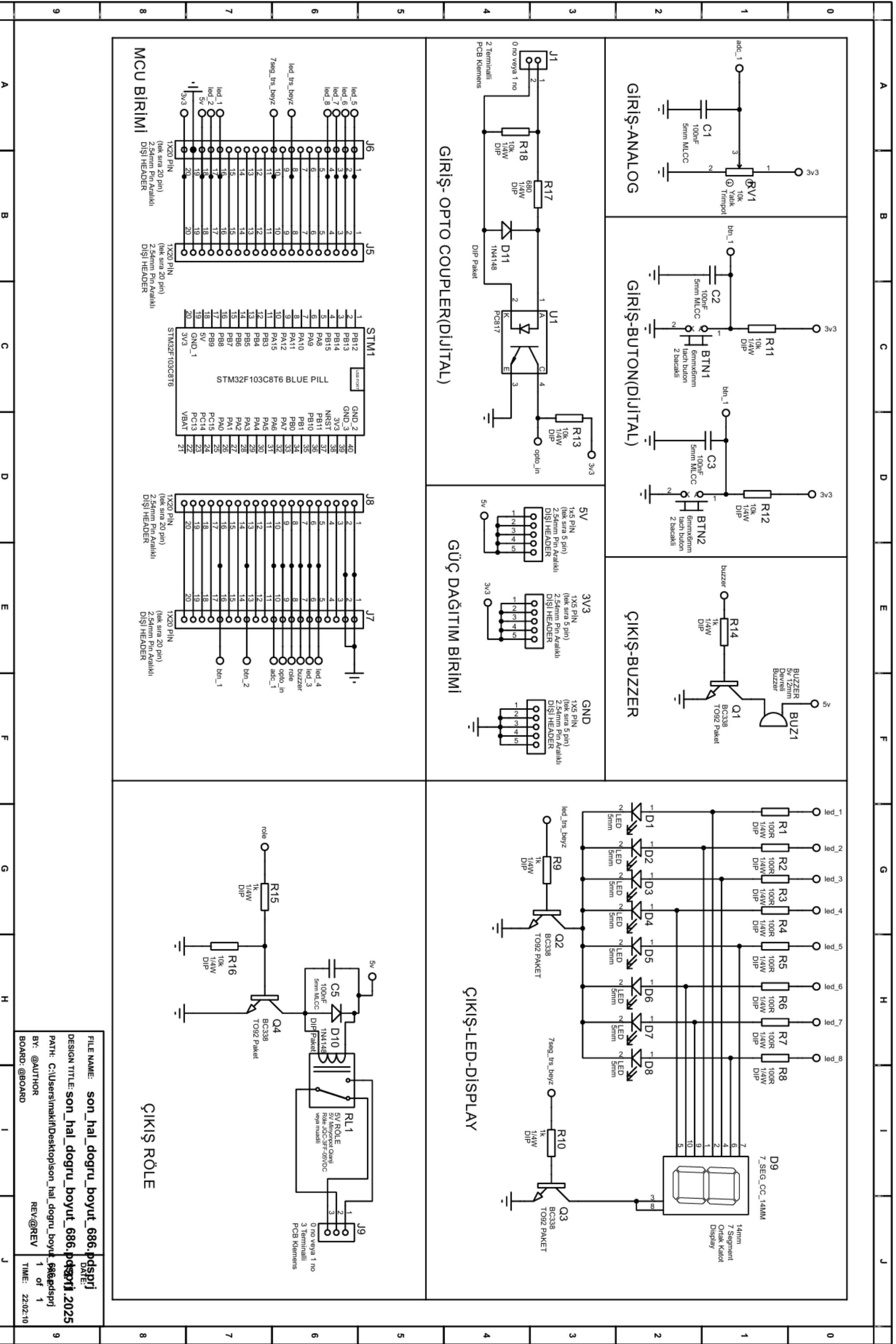
STM32 DEVRE KARTI

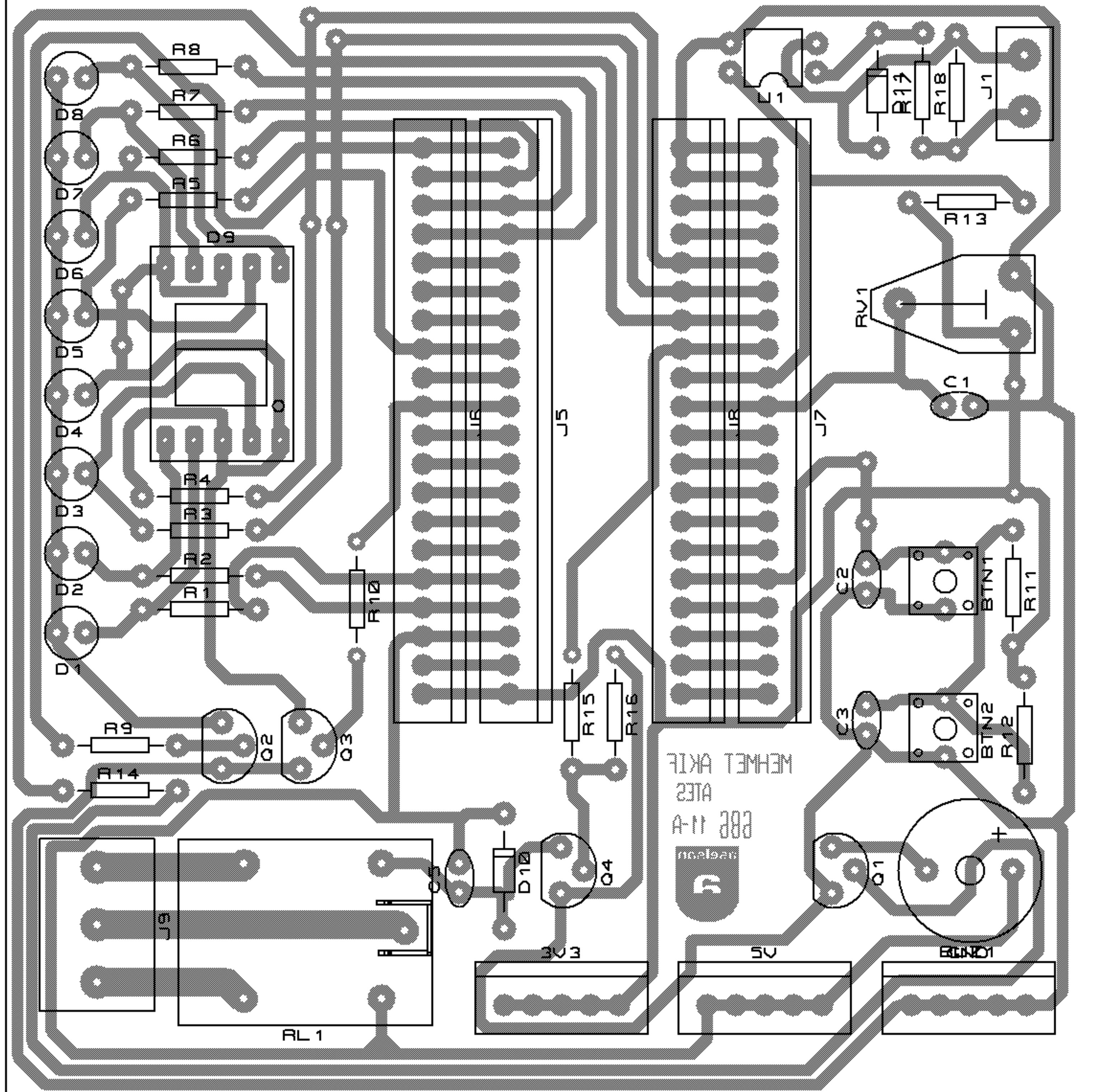
Mehmet Akif Ateş

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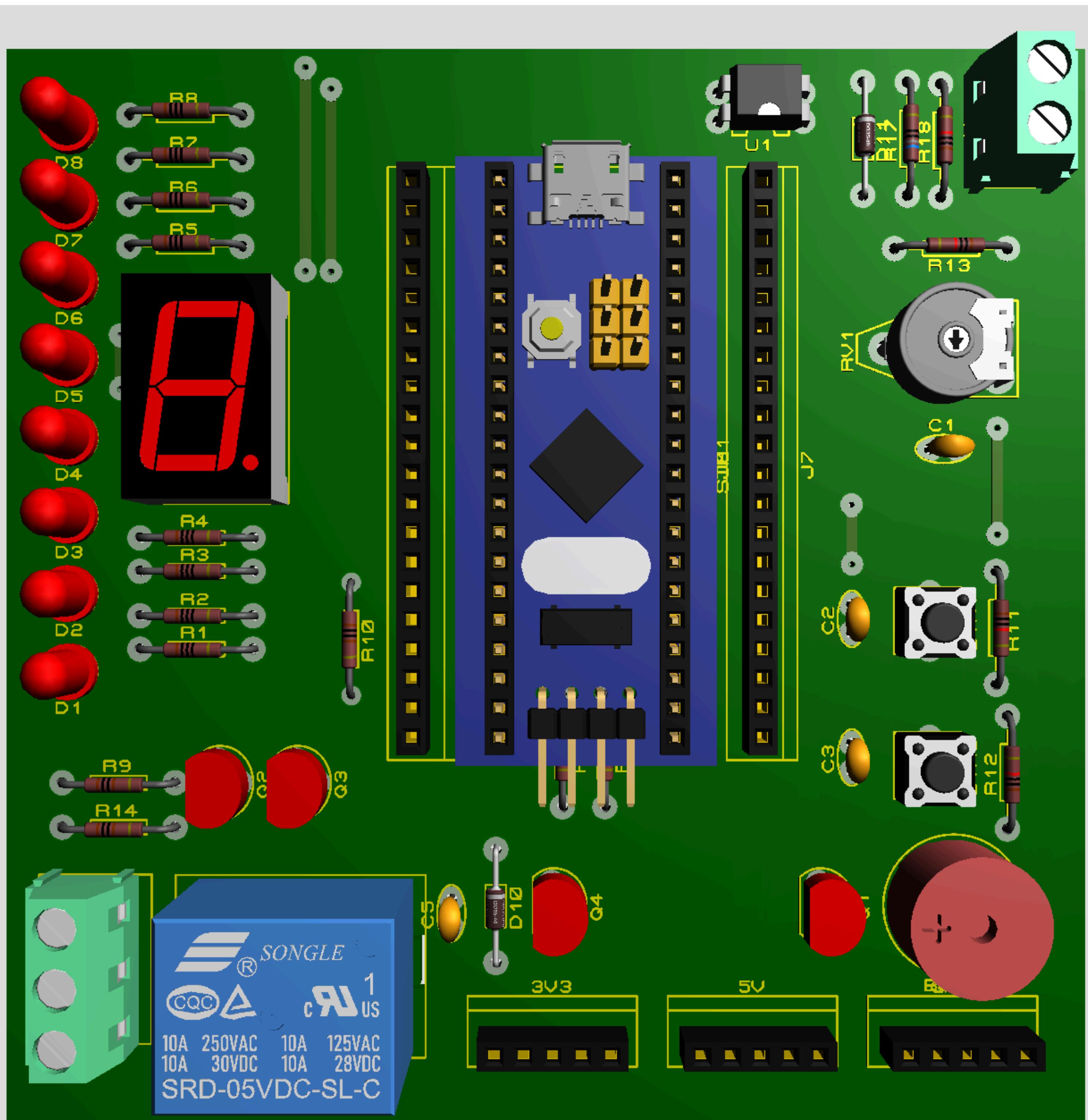
686

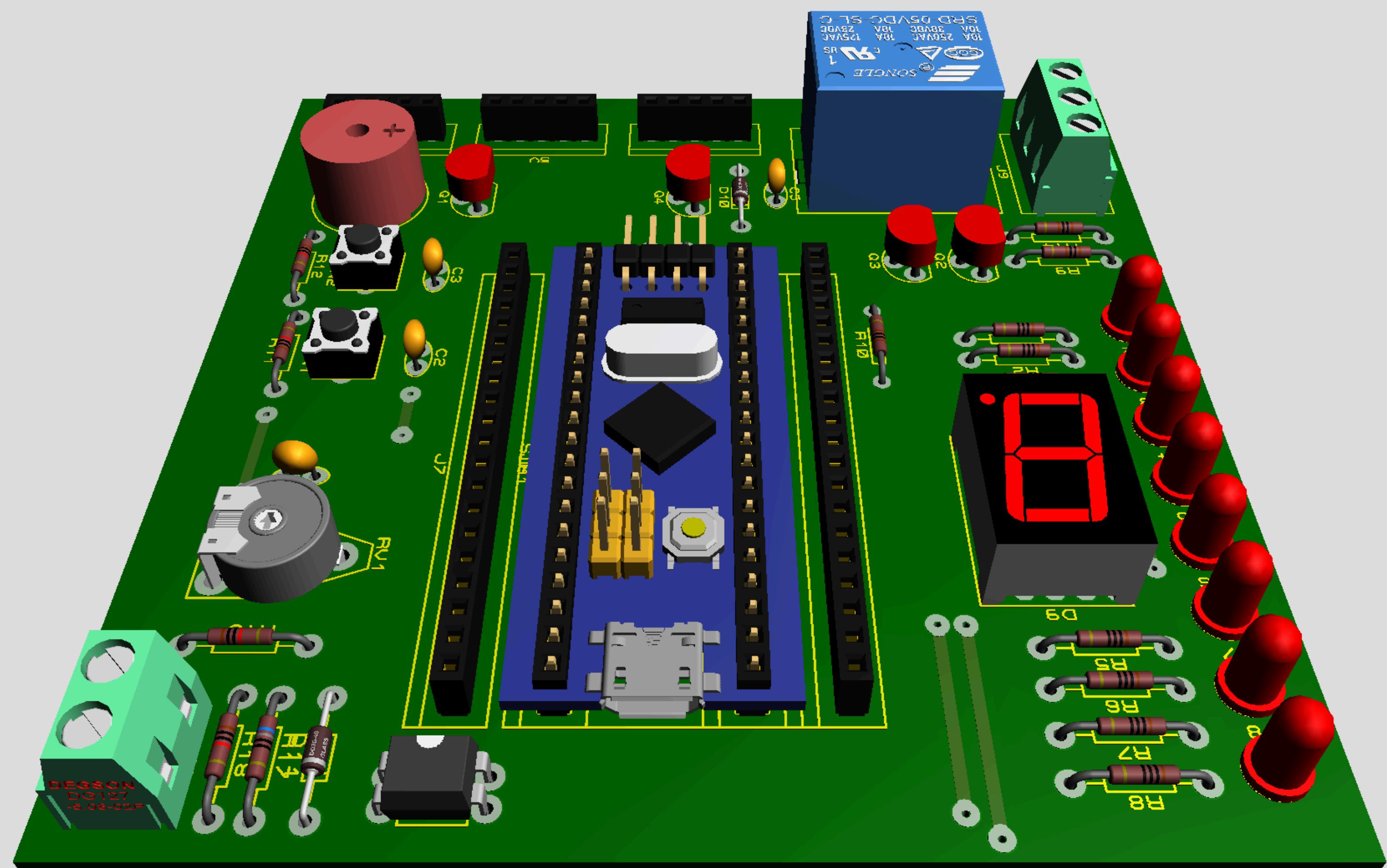
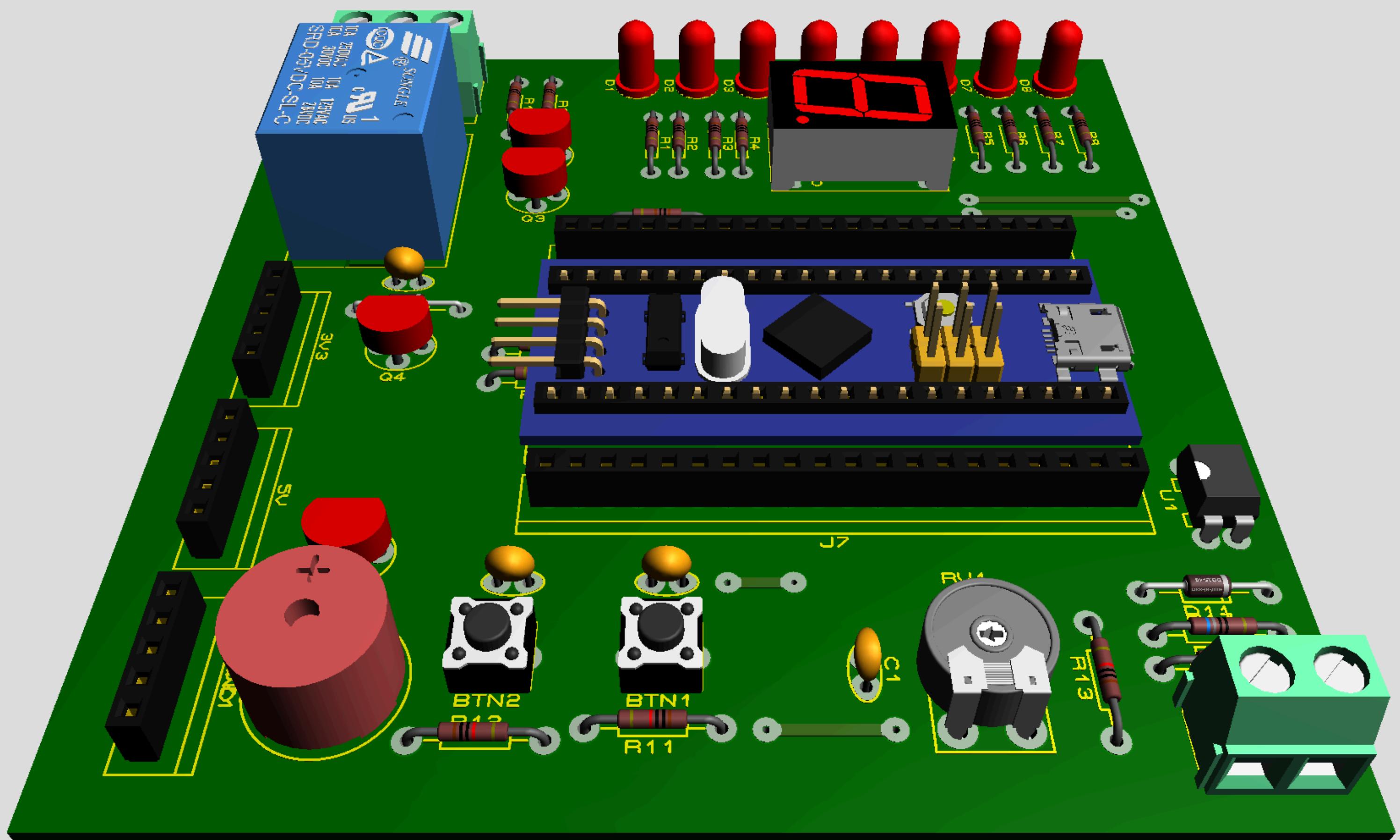


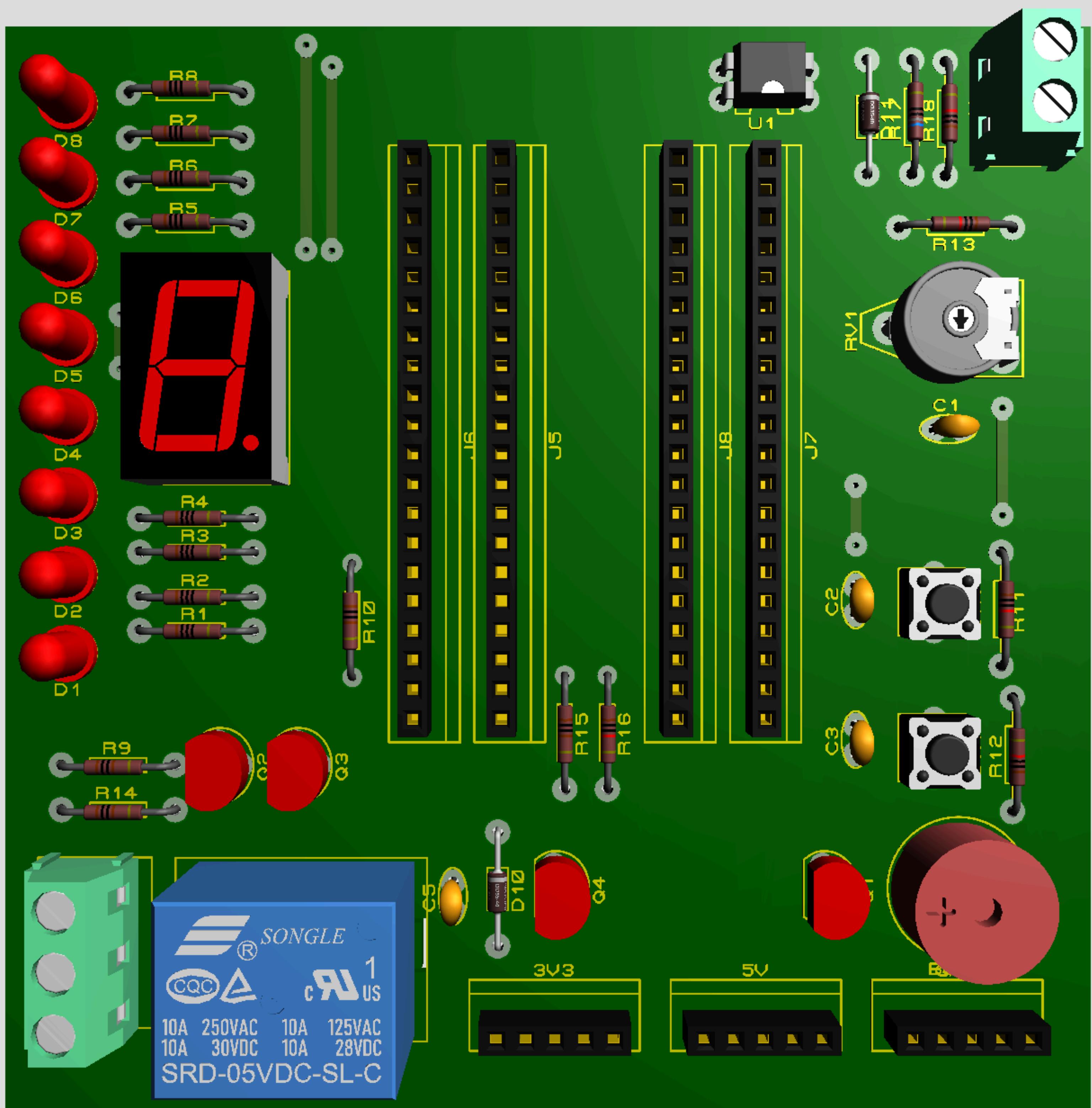


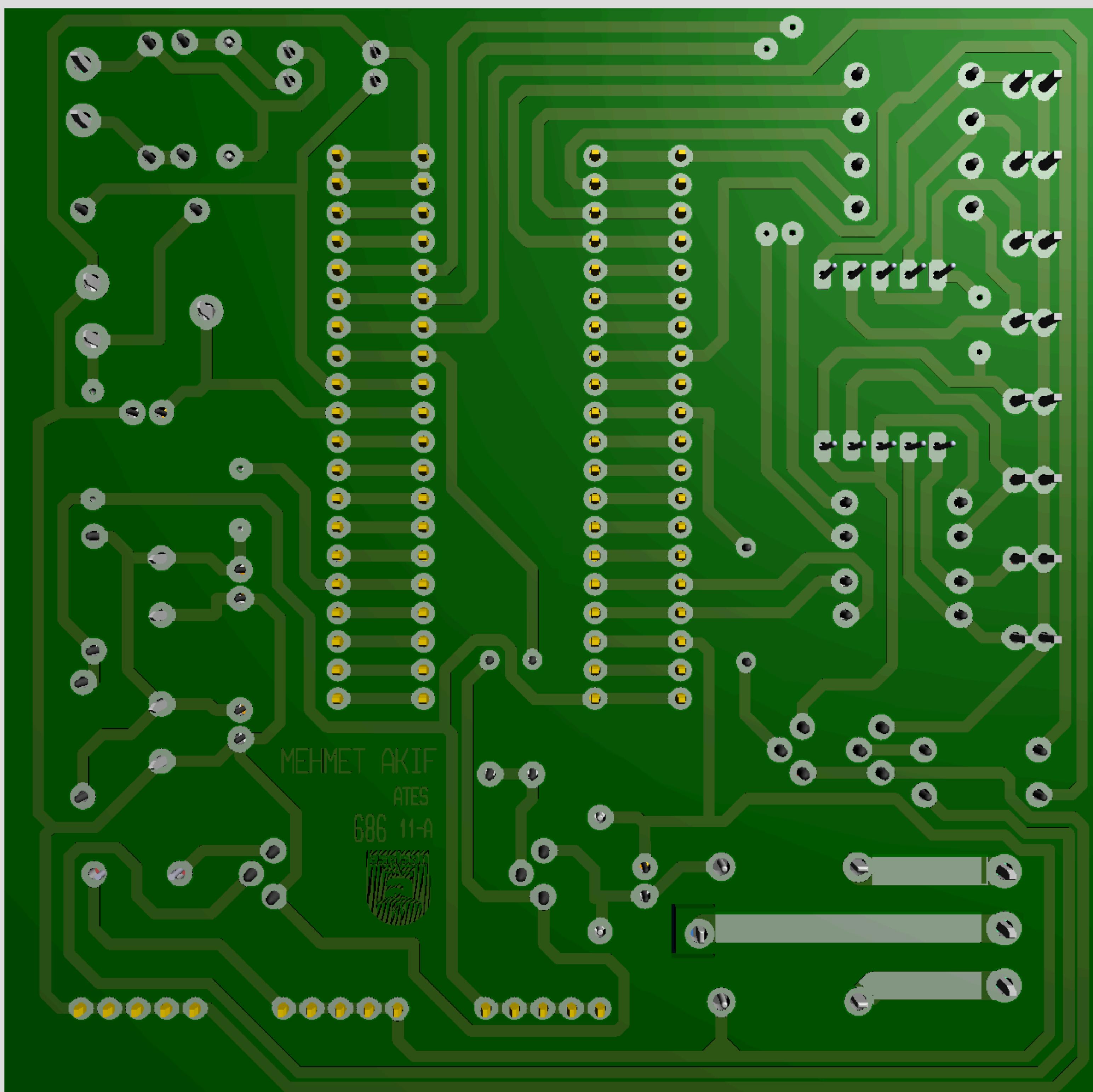


YERLEŞİM PLANI (OVERLAY)









Bill Of Materials for 686 PCB TASARIM

Design Title 686 PCB TASARIM

Author

Document Number

Revision

Design Created 13 Kasım 2025 Perşembe

Design Last Modified 14 Kasım 2025 Cuma

Total Parts In Design 53

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				₺0,00

4 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	C1-C3,C5	100nF		

Sub-totals:

18 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
8	R1-R8	100R		

4	R9-R10,R14-R15	1k		
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5	R11-R13,R16,R18	10k		
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1	R17	680		
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Sub-totals:

1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	PC817		

Sub-totals:

4 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	Q1-Q4	BC338		

Sub-totals:

11 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
8	D1-D8	LED		

1	D9	7_SEG_CC_14MM		
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2	D10-D11	1N4148		
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Sub-totals:

15 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	3V3,GND	1x5 PIN		

1	5V	1x5 PIN		
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2	BTN1-BTN2	6mmx6mm		
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1	BUZ1	BUZZER		
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2	J1,J9	0 no veya 1 no		
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4	J5-J8	1x20 PIN		
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1	RL1	5V RÖLE		
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1	RV1	10k		
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1	STM1	STM32F103C8T6		
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Sub-totals:

Totals:

₺0,00

Malzeme Listesi

14 Kasım 2025 Cuma 11:55