



**aselsan**

MESLEKİ VE TEKNİK ANADOLU LİSESİ

“güven veren gelecek”

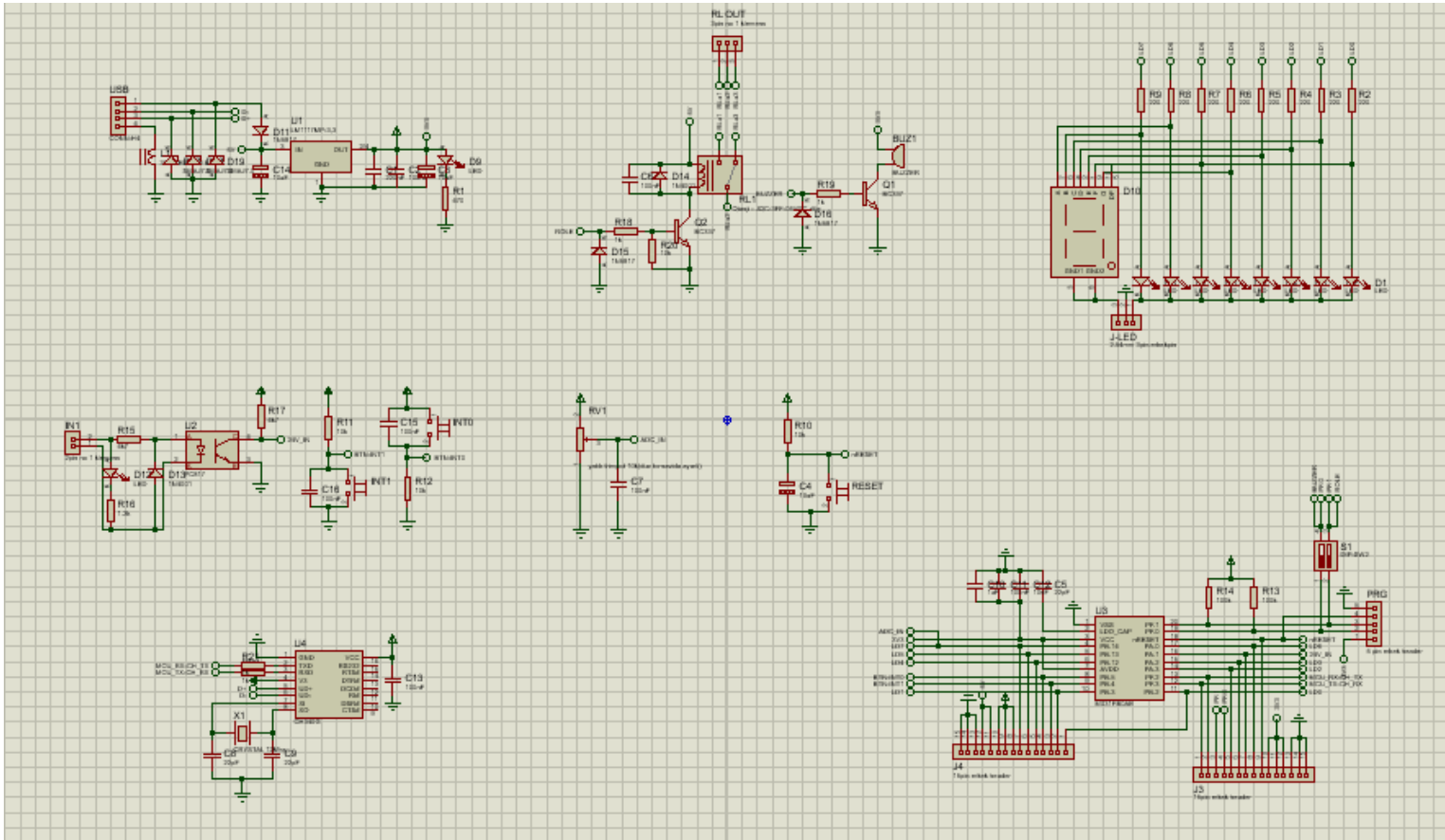
11/A 23

Yağız Koçoğlu

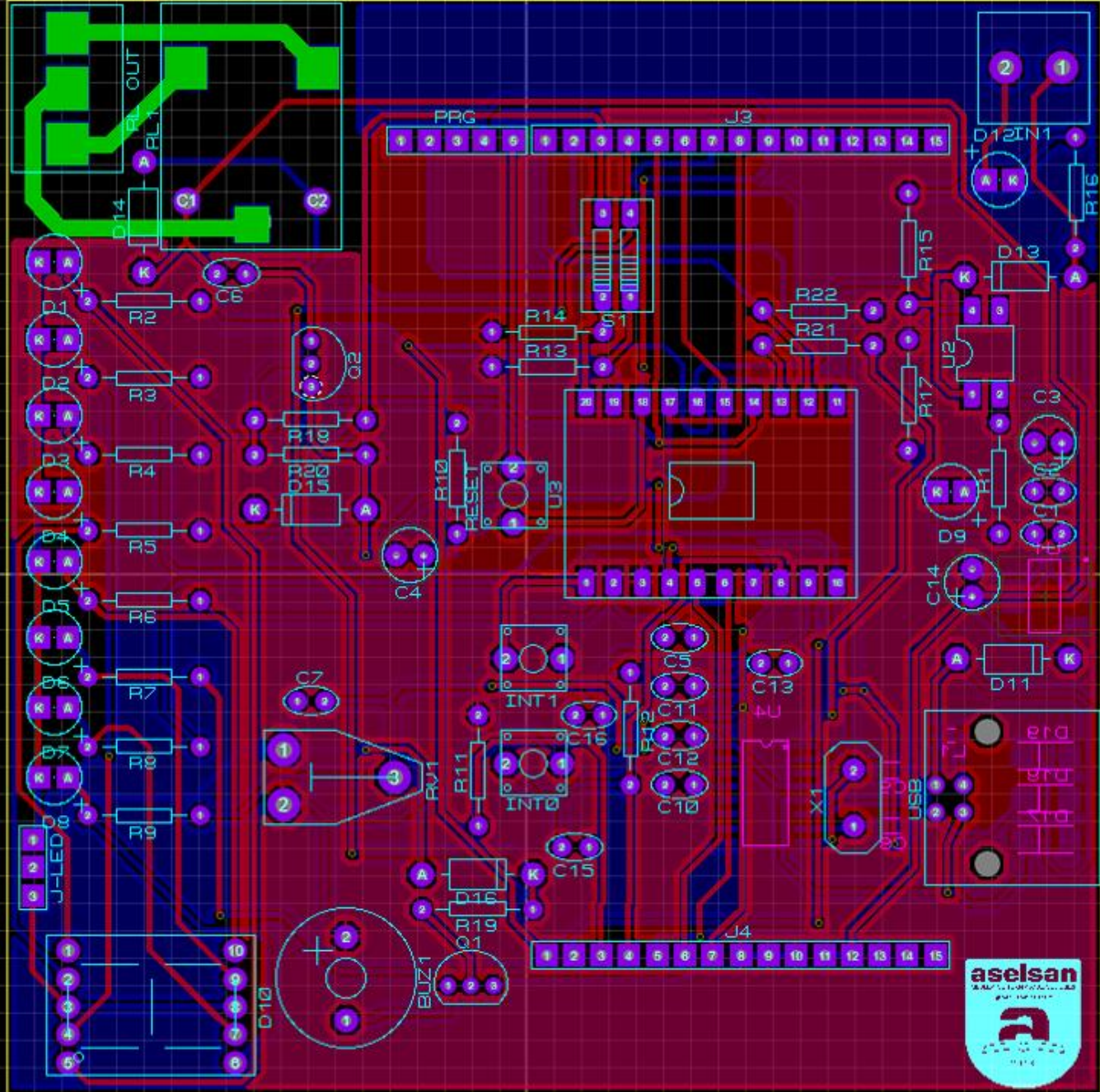
*Nuvoton M031FB0AE Geliştirme kartı tanıtım  
dökümanıdır.*

Bu belge geliştirdiğimiz kartın özelliklerini temel düzeyde gösteren bir dokümandır.

15.04.2023







GENEL BASKI DEVRE GÖRÜNÜŞÜ







Bill Of Materials for YağızKocoglu11A23

Design Title YağızKocoglu11A23  
Author  
Document Number  
Revision  
Design Created 26 Nisan 2023 Çarşamba  
Design Last Modified 26 Nisan 2023 Çarşamba  
Total Parts In Design 79

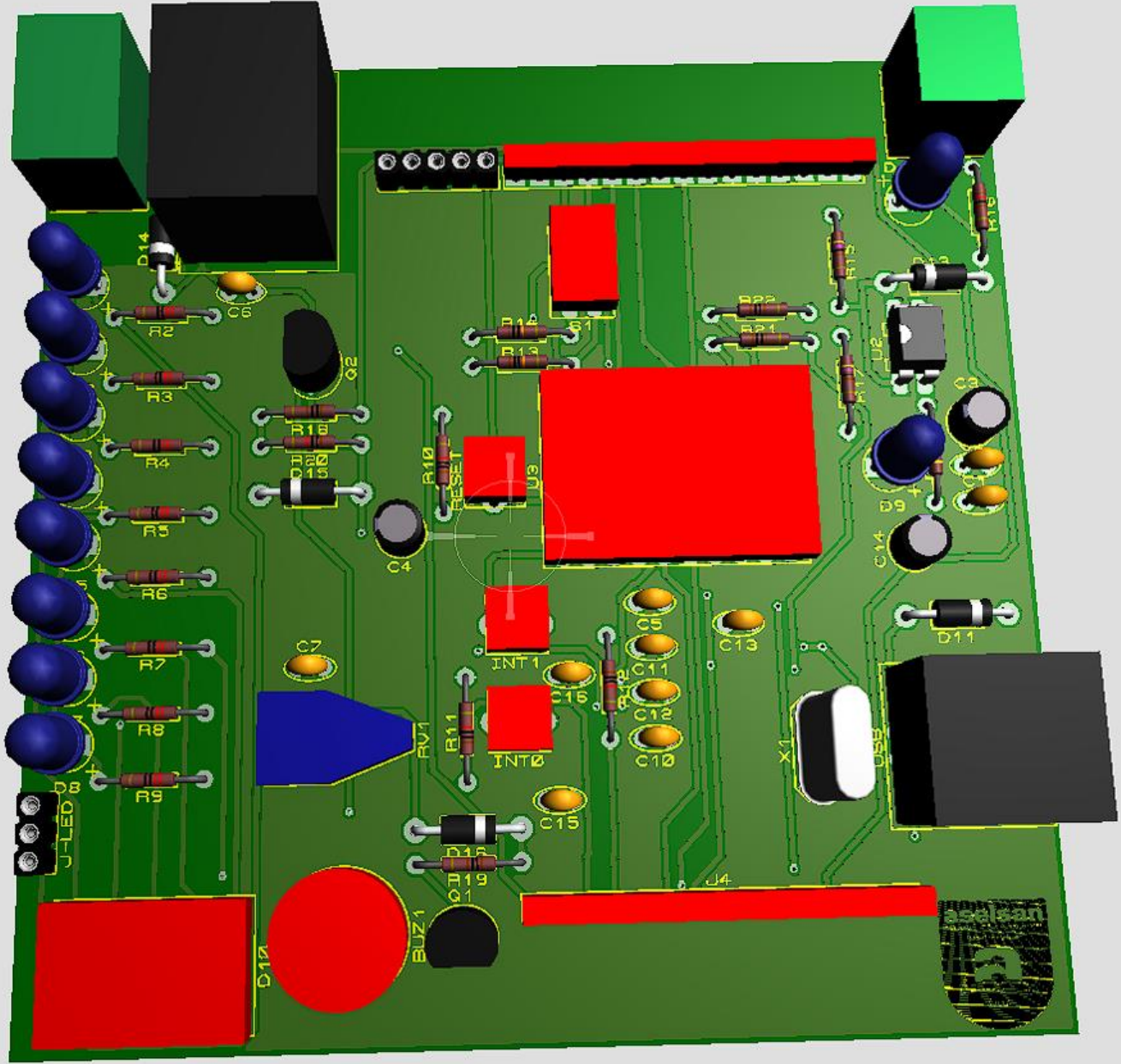
0 Modules				
Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				€0,00
16 Capacitors				
Quantity	References	Value	Stock Code	Unit Cost
1	C1	220nF		
7	C2,C6-C7,C11,C13,C15-C16	100nF		
3	C3-C4,C14	10uF		
3	C5,C8-C9	22pF		
1	C10	1uF		
1	C12	10nF		
Sub-totals:				€0,00
22 Resistors				
Quantity	References	Value	Stock Code	Unit Cost
1	R1	470		
8	R2-R9	220		
4	R10-R12,R20	10k		
2	R13-R14	100k		
2	R15,R17	4k7		
1	R16	1.2k		
4	R18-R19,R21-R22	1k		
Sub-totals:				€0,00
4 Integrated Circuits				
Quantity	References	Value	Stock Code	Unit Cost
1	U1	LM1117MP-3,3		
1	U2	PC817		
1	U3	M031FB0AE		
1	U4	CH340G		
Sub-totals:				€0,00
2 Transistors				
Quantity	References	Value	Stock Code	Unit Cost
2	Q1-Q2	BC337		
Sub-totals:				€0,00
19 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
10	D1-D9,D12	LED		
1	D10			
3	D11,D15-D16	1N5817		
2	D13-D14	1N4001		
3	D17-D19	SMAJ7.0		
Sub-totals:				€0,00
16 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
1	BUZ1	BUZZER		
1	IN1	2pin no 1 klemens		

3	INT0-INT1,RESET			
2	J3-J4	15pin erkek header		
1	J-LED	2.54mm 3pin erkek pin		
1	L1	30R FERRITE BEAD		
1	PRG	5 pin erkek header		
1	RL1	Qianji - JQC-3FF-05VDC röle		
1	RL OUT	3pin no 1 klemens		
1	RV1	yatık trimpot 10k (düz tornavida ayarlı)		
1	S1	DIP-SW2		
1	USB	CONN-H4		
1	X1	CRYSTAL 12Mhz	RES038	
Sub-totals:				₺0,00

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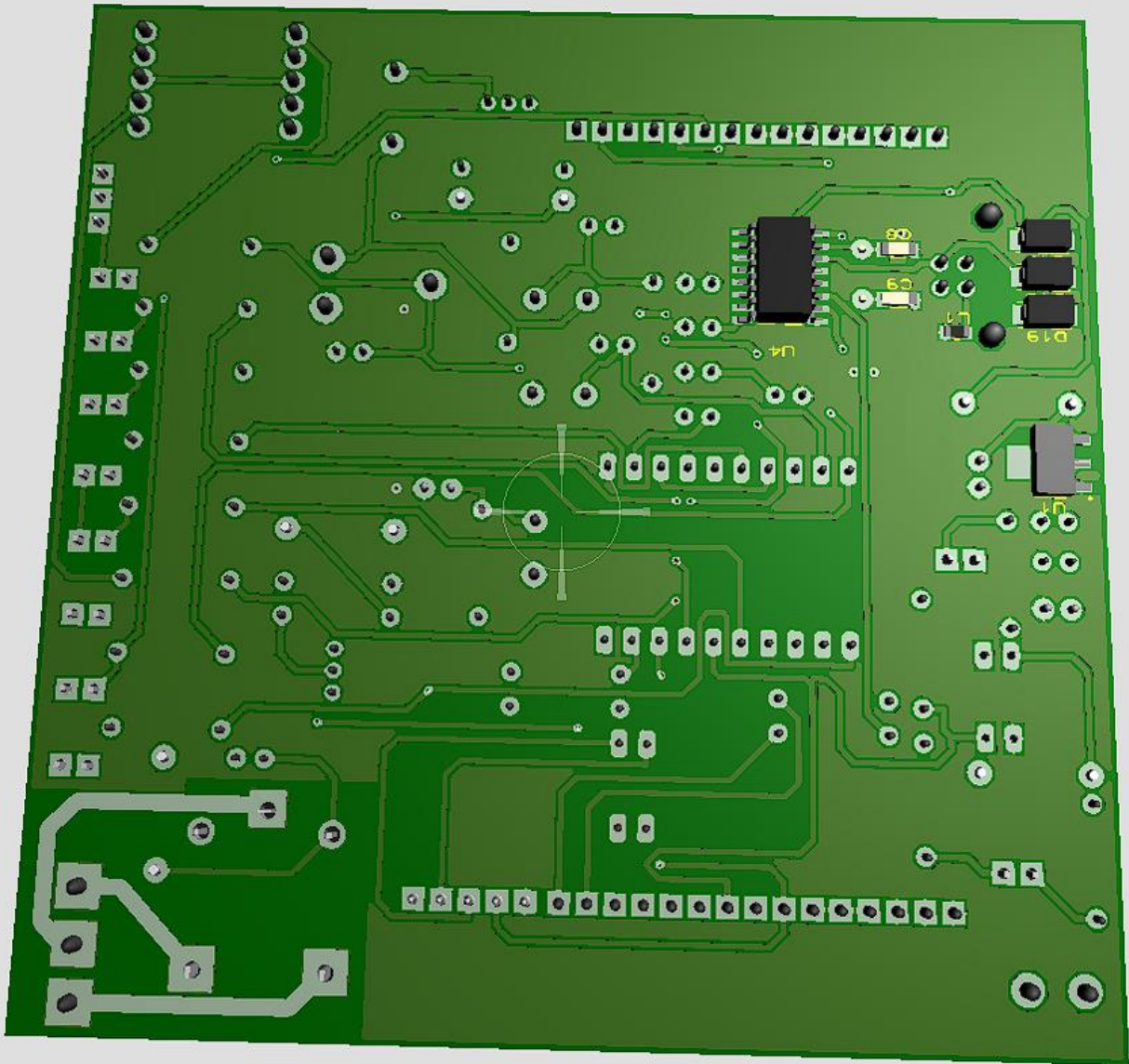
Totals:	₺0,00
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26 Nisan 2023 Çarşamba 22:43:00



ÜST KATMAN 3D GÖRÜNTÜ





ARKA KATMAN



