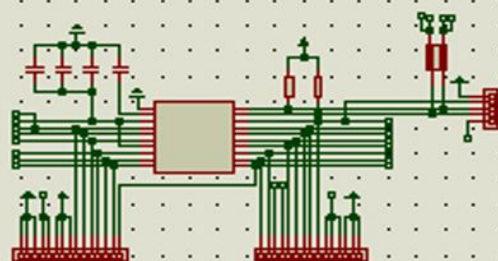
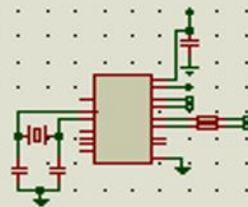
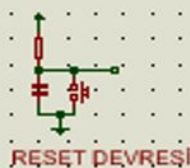
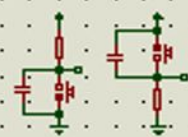
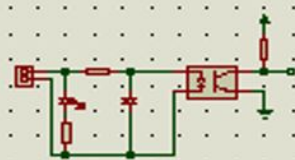
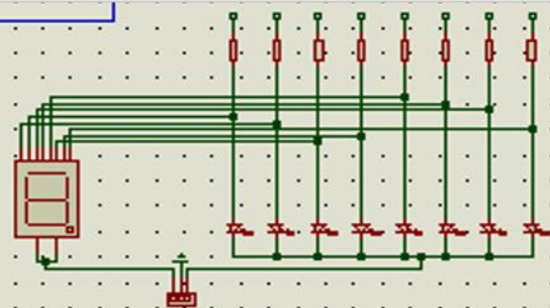
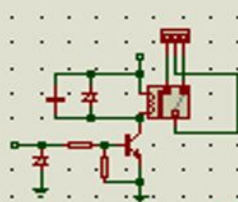
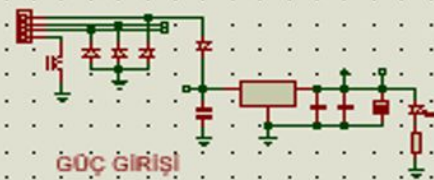

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İLAYDA GÜL

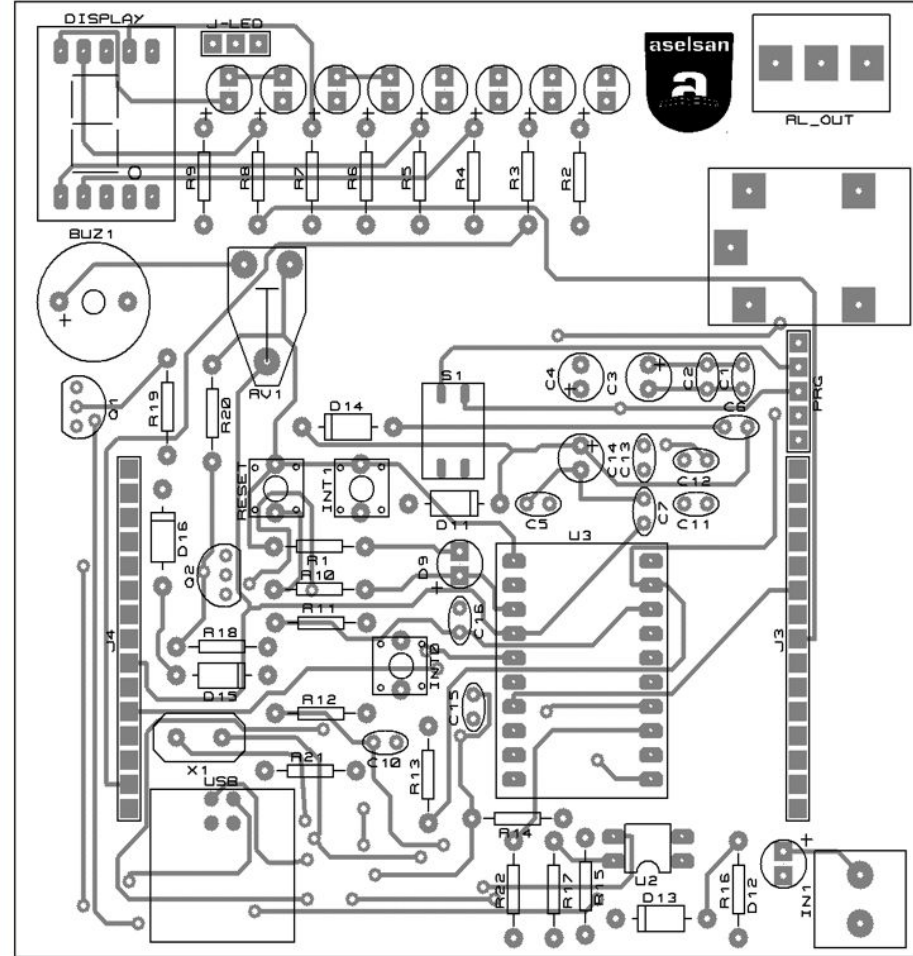


Nuvoton M031FB0AE geliştirme kartı tanıtım dokümanıdır.

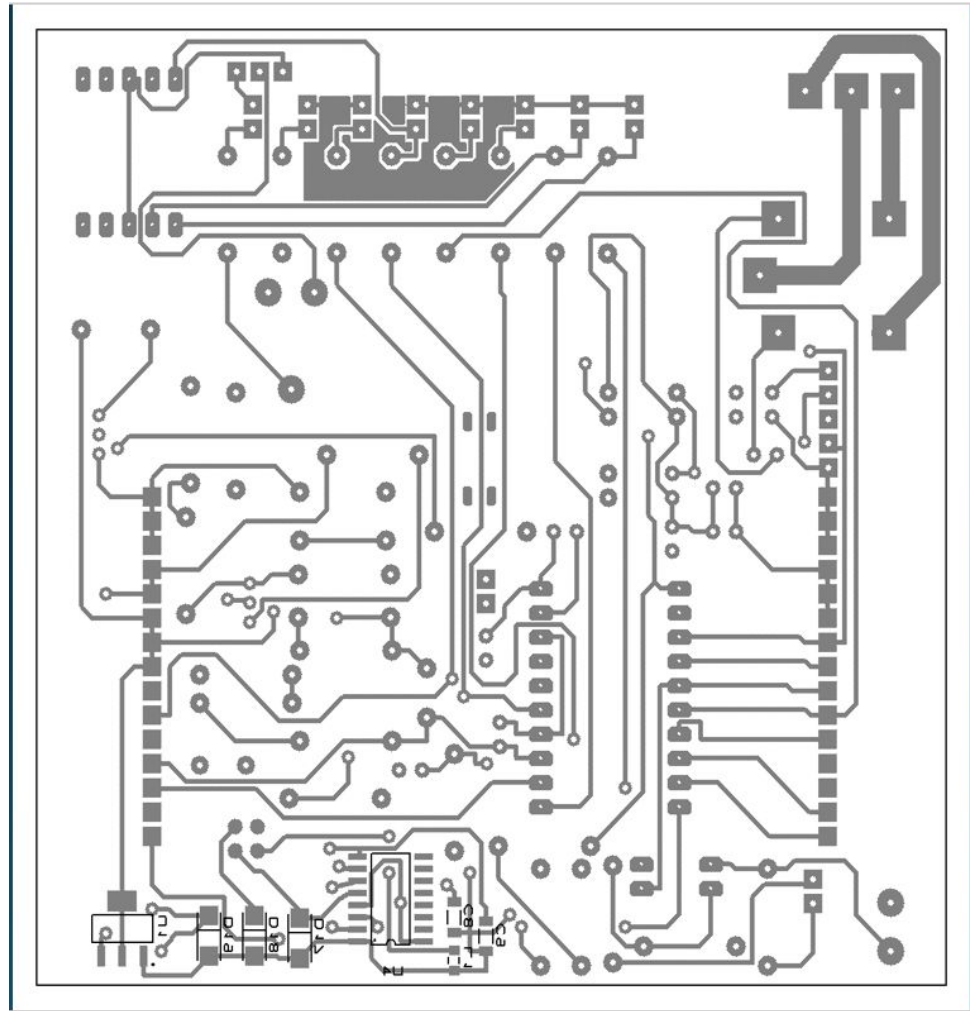
Bu belge geliştirdiğimiz kartın özelliklerini temel düzeyde gösteren bir dokümandır.



ÜST KATMAN YERLEŞİM PLANI



ALT KATMAN YERLEŐİM PLANI



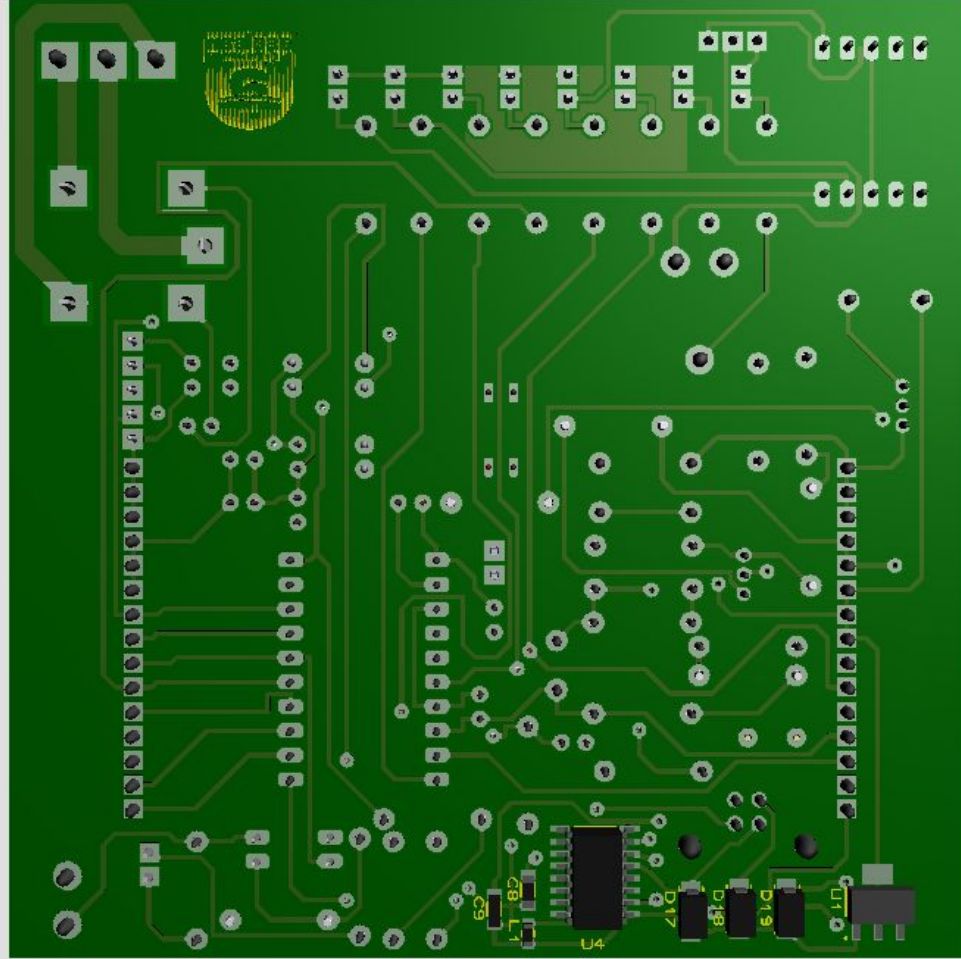
Bill Of Materials for İlayda Gül-33-

Design Title İlayda Gül-33-
 Author
 Document Number
 Revision
 Design Created 23 Subst 2023 Pergembe
 Design Last Modified 24 Nisan 2023 Pazaratesi
 Total Parts In Design 79

0 Modules				
Quantity	References	Value	Stock Code	Unit Cost
Subtotals:				
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		
2	C5,C10	1uF		
2	C8,C9	220F		
1	C12	10nF		
Subtotals:				
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		
Subtotals:				
4 Integrated Circuits				
Quantity	References	Value	Stock Code	Unit Cost
1	U1	LM1117MP-3.3		
1	U2	PC817		
1	U3			
1	U4	CH340G		
Subtotals:				
2 Transistors				
Quantity	References	Value	Stock Code	Unit Cost
2	Q1,Q2	BC107		
Subtotals:				
18 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
10	D1,D9,D12	LED		
1	D11	1N5617		
4	D13,D16	1N4001		
3	D17,D19			
Subtotals:				
17 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
1	BUZ1	BUZZER		
3	DISPLAY1,LS1			
1	INT1	TBLOCK42		
Subtotals:				
Totals:				
				60.00

3	INT0,INT1,RESET	BUTTON		
2	JB-J4	CONN4H15		
2	JLSD,JRL OUT	TBLOCK43		
1	PRG	CONN5L5		
1	RL1	OSCUL-14-OC5		
1	RV1	10k		
1	USB	CONN4H4		
1	X1	CRYSTAL		
Subtotals:				
				60.00
Totals:				
				60.00

ALT KATMAN 3D GÖRÜNTÜ



ÜST KATMAN 3D GÖRÜNTÜ

