

Bill Of Materials for NVT_DENEY_KARTI_V1_REV1

Design Title NVT_DENEY_KARTI_V1_REV1
Author
Document Number
Revision
Design Created 26 Aralık 2022 Pazartesi
Design Last Modified 26 Aralık 2022 Pazartesi
Total Parts In Design 77

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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Sub-totals:

14 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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1	C1	220nF	CAP10
5	C2,C6,C7,C11,C13	100nF	CAP10
3	C3,C4,C14	10uF	ELEC-RAD13
1	C5	1uf	cap10
2	C8,C9	22pF	CAP10
1	C10	1uF	CAP10
1	C12	10nF	CAP10

Sub-totals:

22 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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1	R1	470	RES40
8	R2,R3,R4,R5,R6,R7,R8,R9	220	RES40
4	R10,R11,R12,R20	10k	RES40
2	R13,R14	100k	RES40
2	R15,R17	4k7	RES40
1	R16	1.2K	RES40
4	R18,R19,R21,R22	1k	RES40

Sub-totals:

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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1	U1	LM1117MP-3,3	SOT230P700X180-4
1	U2	PC817	DIL04
1	U3	M031FB0AE	TSSOP-DIL20
1	U4	CH340G	SOP16

Sub-totals:

2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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2	Q1,Q2	BC337	TO92
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Sub-totals:

19 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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10	D1,D2,D3,D4,D5,D6,D7,D8,D9,D12	LED	LED
1	D10	7_SEG_CC_14MM	7_SEG_14MM_CC_DISPLAY_FOOTPRNT
3	D11,D15,D16	1N5817	DO41
2	D13,D14	1N4001	DO41
3	D17,D18,D19	SMAJ7.0A	DO214

Sub-totals:

16 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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1	BUZ1	BUZZER	BUZZER_10MM
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1	IN1	TBLOCK-I2	TBLOCK-I2
3	INT0,INT1,RESET	6x6 2 pin tach buton	BUTON_2
2	J3,J4	CONN-H15	CONN-SIL15
1	J-LED	CONN-SIL3	CONN-SIL3
1	L1	30R FERRITE BEAD	0805
1	PRG	CONN-SIL5	CONN-SIL5
1	RL1	G5CLE-14-DC5	RLY-OMRON-C4
1	RL OUT	TBLOCK-I3	TBLOCK-I3
1	RV1	10K	PRE-HMIN
1	S1	2_PIN_DIP_SWITCH	2_PIN_DIP_SWITCH
1	USB	CONN-H4	USB-B
1	X1	12MHz	XTAL18

Sub-totals:

Totals:

26 Aralık 2022 Pazartesi 23:24:05