

Bill Of Materials for valve-2drivers-rtm-for-simulation

Design Title valve-2drivers-rtm-for-simulation
Author NStorm
Document Number
Revision
Design Created 9 апреля 2020 г.
Design Last Modified 9 апреля 2020 г.
Total Parts In Design 55

19 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>PCB Package</u>
2	C1-C2	22uF	Digikey 490-1876-2-ND		CAPC3225X100
1	C3	0.047uF	Maplin BX82D		CAP60
3	C4,C9-C10	1uF			0805_CAP
2	C5-C6	10uF			0805_CAP
2	C7-C8	22nF			0805_CAP
1	C11	100nF			0603_CAP
1	C12	10u	Digikey 399-3525-2-ND		CAPC3216X140
1	C13	0.1uF	Digikey 490-1683-2-ND		CAPC2012X100
1	C14	10uF	Digikey 495-1578-2-ND		CAPMP7343X310
1	C15	0.1uF	Digikey 478-1395-1-ND		CAPC2012X100
1	C16	2.2uF	Digikey 399-3362-2-ND		CAPC1608X87
1	C17	0.01uF	Digikey 311-1085-2-ND		CAPC1608X87
1	C18	10uF	Digikey 490-1867-1-ND		CAPC3225X100
1	C19	100u	Digikey 399-3989-2-ND		CAPMP7360X380
Sub-totals:				₽0,00	

9 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>PCB Package</u>
2	R1-R2	4.7k			0603_RES
1	R3	100k			0603_RES
1	R4	47k	D47K		RES90
1	R5	10K			0603_RES
1	R19	0.0001			0603_RES
1	R20	1.3	Digikey P1.3ACT-ND		RESC2012X50
1	R26	2k			0603_RES
1	R27	1000M			0603_RES
Sub-totals:				₽0,00	

6 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	U1	ATMEGA8			SPDIL28
1	U2	AMS1117-5			SOT223-3
1	U3	LD1117S50			SOT230P700X180-4
1	U4	PC817			DIL04
1	U5	TB6612FNG			SOP65P760X120-24
1	U6	DRV8833CPWPR			SOP65P640X12017N
Sub-totals:				₽0,00	

0 Transistors

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

2 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	D1	1N4148			DO35
1	D2	PWR LED			0805
Sub-totals:				₽0,00	

19 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>	<u>PCB Package</u>
1	BTN1	RESET			TE_318259101
1	BTN2	MODE			TE_318259101
1	J1	VAC IN			CUI_TB003500P02BE
1	J2	UART			NULL
1	J3	ICSP			CONN-SIL5
1	J4	12V IN			CUI_TB003500P02BE
1	J5	LEDD			CUI_TB003500P02BE
1	J6	BTND			CUI_TB003500P02BE
1	J7	M1_SW			CUI_TB00350003BE
1	J8	M2_SW			CUI_TB00350003BE
1	J9	M1_CONN			CUI_TB003500P02BE
1	J10	M2_CONN			CUI_TB003500P02BE
1	J12	REED_SW			CUI_TB003500P02BE
1	J13	UART			CUI_TB00350003BE
3	LED1,M1-M2				NULL
1	LED2				WS2812B
1	X1	16Mhz			XTAL_HC49P488W43L1150T466H350

Sub-totals: ₰0,00

Totals: ₰0,00

9 апреля 2020 г. 21:58:26