Component list

Bill of Materials for Project [AC_controller.PrjPcb] (No PCB Document Selected)

Source Data From:	AC_controller.PrjPcb
Project:	AC_controller.PrjPcb
Variant:	None
Report Date:	11/6/2024 8:22 PM
Print Date:	06-Nov-24 8:22:19 PM

Contact:

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#	#Column Name Error:' Category	Manufacturer 1	Manufacturer Part Number 1	Footprint	Description	Quantity	Supplier 1	Supplier Part Number 1	Supplier Order Qty 1	Supplier Stock 1	Supplier Unit Price 1	Supplier Subtotal 1	Supplier Currency 1
1				CAPAE430X550N	ELCO 20%	3	Farnell	647-UWF1C100MCL1GB					
2				CAPC2012X88N	X7R 10% 0805	8	Farnell	80-C0805C104K9R					
3				CAPC2012X88N		4	Farnell						
4		Panasonic	EEE-FC1E101AP	CAPAE9983X102N	PANASONIC - EEEFC1E101AP - CAP, ALU	2	Farnell	2254349		500			EUR
5				CAPC2012X140N	X7R 10% 0805	4	Farnell	1797015					
6				CN_10pin_MFGK-10	Molex, Micro-Fit 3.0, 43045, 10 Way, 2	1	kosmodrom.ua	00-00041120					
7				CN_20pin_MFGK-20	Molex, Micro-Fit 3.0, 43045, 20 Way, 2	1	kosmodrom.ua	00-00041123					
8		Vishay Lite-On	LTV-817S	IC_LiteOn_ LTV-817S	Transistor Output Optocouplers	8	Mouser	859-LTV-817S	24	14189	0.21	5.09	USD
9				DO-214AC	Transient Voltage Suppressors	2		SMAJ15A					
10				MCH_BSC_SS_112L	Small relay 6 pins 12V, 2A	5							
11				DO-214AC	M7 Diode, max 30A	5							
12				VSSOP-10	Analog to Digital Converters - ADC 16B	1							
13		Raspberry Pi	SC0915	MOD_Raspberry_Pi_Pico	Single Board Computers Raspberry Pi Pico	1	Mouser	358-SC0915	3	10004	4.00	12.00	USD
14				MOD_MCP2515	CAN bus module	1	Arduino.ua						
15				MOD_MP1584_3A	DC-DC converter 3A	2	Arduino.ua						
16		Nexperia	BC847B215	SOT23	Bipolar Transistors - BJT NPN 45V 100mA	5	Mouser	771-BC847B-T/R	15	207000	0.06	0.86	USD
17				TO-252	30V P-Channel MOSFET	2							
18		Nexperia	2N7002BKW115	SOT65P210X110-3N	NXP - 2N7002BKW - MOSFET, N CH, 60V,	2	Farnell	1894713RL		16873			EUR
19				RESC2012X60N	RESISTOR, 0805, 1K, 1%, SMD	11	Farnell	9237496					
20				RESC2012X60N	RESISTOR, 0805, 10K, 1%, SMD	19	Farnell						
21		Yageo	RC0805FR-074K7L	RESC2012X60N	RESISTOR, 0805, 4K7, 1%, SMD	1	Farnell	9237704		655410			EUR
22				RESC2012X60N	RESISTOR, 0805, 100K, 1%, SMD	3	Farnell						
23		Vishay Dale	RCG08050000Z0EA	RESC2012X60N	Thick Film Resistors - SMD ZERO OHM	2	Mouser	71-RCG08050000Z0EA	6	15493	0.13	0.78	USD
24		Yageo	RC0805FR-07100RL	RESC2012X60N	RESISTOR, 0805, 100R, 1%, SMD	15	Farnell	9237364	45	1003114	0.02	0.86	EUR
						108			93			19.58	

Approved		Notes

3 pcs: **Total**   **19.58** USD

Price for 1pcs   6.53 USD