

Part Number	Quantity	Name	Designation	Link	Sales unit	Accessed on	Price	Cost
J1, J2	2	screw terminal block	PTR AKZ500/3DS-5.08-H	https://www.conrad.de/de/ptr-akz5003ds-508-h-schraubklemmblock-150-mm-polzahl-3-grau-1-st-732037.html	1	10.07.2018 16:40	0.37 €	0.74 €
J3, J4, J5, J6	4	screw terminal block	PTR AKZ500/2DS-5.08-H	https://www.conrad.de/de/ptr-akz5002ds-508-h-schraubklemmblock-150-mm-polzahl-2-grau-1-st-732023.html	1	10.07.2018 16:40	0.22 €	0.88 €
RL1 - RL 3	3	Relais	HJR-4102-L-12V	https://www.conrad.de/de/printrelais-12-vdc-5-a-1-wechsler-tianbo-electronics-hjr-4102-l-12vdc-s-z-1-st-629491.html	1	10.07.2018 16:40	0.90 €	2.70 €
RL4	1	Relais	RT 424-12	http://www.segor.de/#Q=RT424-12&M=1	1	10.07.2018 16:40	2.90 €	2.90 €
D1 - D10	10	Schottky-Diode	SR5100	https://www.banggood.com/50pcs-SB5100-5_0A-SCHOTTKY-BARRIER-Diode-100V-5A-p-1210667.html?rmmds=search&cur_warehouse=CN	50	10.07.2018 16:40		- €
D11	1	Diode	1N4007	https://www.conrad.de/de/si-gleichrichterdiode-diotec-1n4007-do-204al-1000-v-1-a-162272.html	1	11.07.2018 11:22	0.08 €	0.08 €
D12 - D 19	8	Diode	1N4148	https://www.conrad.de/de/standarddiode-vishay-1n4148-tap-do-204ah-75-v-300-ma-564851.html	1	11.07.2018 11:41	0.05 €	0.40 €
D20	1	LED	Yellow					- €
D21	1	LED	Blue					- €
D22	1	LED	Red					- €
D23	1	LED	Green					- €
D24	1	Z-Diode	BZX79C4V7	https://www.conrad.de/de/z-diode-bzx79c4v7-gehaeuseart-halbleiter-do-35-on-semiconductor-zener-spannung-47-v-leistung-max-ptot-500-mw-563817.html	1	16.07.2018 15:29	0.14 €	0.14 €
D25 - D26	2	Diode	1N4148	https://www.conrad.de/de/standarddiode-vishay-1n4148-tap-do-204ah-75-v-300-ma-564851.html	1	11.07.2018 11:41	0.05 €	0.10 €
D27, D28	2	TVS-Diode	P6KE15A	http://www.segor.de/#Q=P6KE15A&M=1	1	21.08.2018 15:47	0.30 €	0.60 €
D29	1	TVS-Diode	P6KE6A8	http://www.segor.de/#Q=P6KE6%252C8A&M=1	1	21.08.2018 15:47	0.30 €	0.30 €
Q1 - Q4	4	n-Channel MOSFET	IRFB4410ZPBF	https://www.conrad.de/de/mosfet-infineon-technologies-irfb4410zpbfd-1-n-kanal-230-w-to-220ab-160946.html	1	11.07.2018 14:13	0.82 €	3.28 €
Q5	1	n-Channel MOSFET	IRF710PBF	https://www.conrad.de/de/mosfet-vishay-irf710pbf-1-n-kanal-36-w-to-220ab-162429.html	1	11.07.2018 14:16	0.28 €	0.28 €
C1, C2	2	electrolytic capacitor	200 V 820 uF	From Power Supply				- €
C3, C4	2	electrolytic capacitor	Yageo SY035M0470B5S-1019	https://www.conrad.de/de/yageo-sy035m0470b5s-1019-elektrolyt-kondensator-radial-bedrahtet-5-mm-470-f-35-v-20-o-x-h-10-mm-x-19-mm-1-st-442613.html	1	11.07.2018 18:13	0.24 €	0.48 €
C5	1	tantalum capacitor	TA 10u-25	http://www.segor.de/#Q=TA10u-25&M=1	1	12.07.2018 16:38	0.50 €	0.50 €
C6	1	electrolytic capacitor	33 uF	P1				- €
C7	1	electrolytic capacitor	0.47 uF	P1				- €
C8, C9	2	ceramic capacitor	u10-R2.5-X7R	http://www.segor.de/#Q=u10-R2.5-X7R&M=1	1	12.07.2018 16:56	0.10 €	0.20 €
C10	1	electrolytic capacitor	10 uF	P1				- €
C11 - C13	3	ceramic capacitor	u10-R5.0-Z5U	http://www.segor.de/#Q=u10-R5.0-Z5U&M=1	1	12.07.2018 17:04	0.09 €	0.27 €
C14	1	tantalum capacitor	Tantal 4,7uF-35V RM2,5	http://www.segor.de/#Q=TA4u7-35&M=1	1	17.07.2018 13:46	0.50 €	0.50 €
C15	1	ceramic capacitor	u10-R2.5-X7R	http://www.segor.de/#Q=u10-R2.5-X7R&M=1	1	12.07.2018 17:04	0.10 €	0.10 €

F1	1	Fuseholder	FKSmini-Halter/Print180°	http://www.segor.de/#Q=FKSmini-Halter%252FPrint180%25C2%25B0&M=1	1	16.07.2018 15:59	1.50 €	1.50 €	
F2	1	Fuse	FKS 10A	http://www.segor.de/#Q=FKS10A%252Fmini&M=1	1	16.07.2018 15:59	0.35 €	0.35 €	
U1	1	Voltage Regulator 10 V	LM2940T-10.0	https://www.conrad.de/de/pmic-spannungsregler-linear-ldo-texas-instruments-lm2940t-100nopb-positiv-fest-to-220-3-1014005.html	1	12.07.2018 17:21	1.10 €	1.10 €	
U2	1	Voltage Regulator 5 V	MC7805CT TO-220AB	https://www.conrad.de/de/spannungsregler-linear-typ78-on-semiconductor-mc7805ct-to-220ab-positiv-fest-5-v-1-a-175030.html	1	12.07.2018 16:38	0.20 €	0.20 €	
U3	1	Motor Driver	JYQD_V6.3e2	https://www.ebay.de/itm/263158812858?ViewItem=&item=263158812858	1	16.07.2018 13:10	8.38 €	8.38 €	
U4, U5	2	Current Sensor	ACS712 20A	https://www.ebay.de/itm/ACS712-20A-Stromsensor-Analogausgang-Current-Sensor-Hall-Sensor-Arduino/401269170566?trkparms=aid%3D111001%26algo%3DREC.SEED%26ao%3D1%26asc%3D20160908103841%26meid%3D57e635c51f394274b93af9d7c8bea2ce%26pid%3D100227%26rk%3D2%26rkt%3D6%26sd%3D162798921249%26itm%3D401269170566&trksid=p2054502.c100227.m3827	1	16.07.2018 15:38	2.40 €	4.80 €	
U6	1	Real Time Clock	DS3231 ZS042	https://www.ebay.de/itm/DS3231-ZS042-AT24C32-IIC-Modul-Precision-RTC-Echtzeituhr-Speicher-fur-Arduino/372369574177?hash=item56b2f4c921%3Ag%3AhmwAAOSw27FbRG7N&sacat=0&nkw=ZS042&from=R40&rt=nc&trksid=m570.l1313	1	16.07.2018 15:41	1.29 €	1.29 €	
U7	1	MOSFET Driver	IR2109PBF DIP-8	https://www.conrad.de/de/pmic-gatetreiber-infineon-technologies-ir2109pbf-nicht-invertierend-halbbruecke-dip-8-163094.html	1	16.07.2018 15:49	3.13 €	3.13 €	
U8	1	Schmitt Trigger	NAND-Gate	https://www.conrad.de/de/logik-ic-gate-und-inverter-texas-instruments-cd4093be-nand-gate-4000b-pdip-14-155684.html	1	16.07.2018 16:08	0.50 €	0.50 €	
U9	1	MicroSD-Card Modul	MicroSD-Card Modul	http://www.segor.de/#Q=MicroSD-CardModul&M=1	1	16.07.2018 16:11	3.50 €	3.50 €	
U10	1	AD-Converter	ADS1115	https://www.banggood.com/I2C-ADS1115-16-Bit-ADC-4-Channel-Module-With-Programmable-Gain-Amplifier-For-Arduino-RPi-p-1110588.html?rmmds=search&stayold=1&cur_warehouse=CN	1	16.07.2018 17:51	3.35 €	3.35 €	
SW1	1	Switch	On/Off/On	https://www.conrad.de/de/wippschalter-a125b11000000-250-vac-10-a-1-x-einauseinrastend0rastend-1-st-701653.html	1	16.07.2018 16:57	1.29 €	1.29 €	
R1	1	Metal Film Resistor	1M	P3				- €	
R2	1	Metal Film Resistor	51k	P3				- €	
R3	1	Metal Film Resistor	1M	P3				- €	
R4	1	Metal Film Resistor	300k	P3				- €	
R5 - R8	4	Load Resistor	4R		https://www.banggood.com/100W-Watt-Power-Metal-Shell-Case-Wirewound-Resistor-p-89494.html?rmmds=myorder&stayold=1&ID=49542&cur_warehouse=CN	1	16.07.2018 15:13	2.57 €	10.28 €
R9 - R12	4	Metal Film Resistor	200R	P3				- €	
R13	1	Metal Film Resistor	100k	P3				- €	
R14 - R19	3	Metal Film Resistor	10k	P3				- €	

R20, R21	2	Metal Film Resistor	10R	P3					-	€
R22, R23	2	Metal Film Resistor	100R	P3					-	€
L1	1	Inductivity	10 A 220uF	From Power Supply					-	€
P1	1	electrolytic capacitors		https://www.banggood.com/200pcs-0_1-220uF-15-Value-Electrolytic-Capacitor-Assortment-Box-Kit-p-1032358.html?rmmds=detail-top-buytogether-auto_9&cur_warehouse=CN	1	12.07.2018 16:45	3.76 €	3.76 €		
P2	10	pin row strip male		https://www.banggood.com/10-Pcs-40-Pin-2_54mm-Single-Row-Male-Pin-Header-Strip-For-Arduino-p-918427.html?rmmds=search&cur_warehouse=UK	10	10.07.2018 16:40	3.42 €	3.42 €		
P3	1	Resistor Pack	metal film resistor	https://www.banggood.com/de/300Pcs-1-14W-Metal-Film-Resistor-Resistance-30-Values-Assortment-Kit-p-1091920.html?rmmds=detail-bottom-viewalsoview_3&stayold=1&cur_warehouse=CN	1	16.07.2018 15:29	2.32 €	2.32 €		
P4	1	LED-Pack	100 Pcs 3MM 5 Colors	https://www.banggood.com/100Pcs-20Ma-F3-3MM-5Colors-Ultra-Bright-LED-Diode-p-966102.html?rmmds=search&stayold=1&cur_warehouse=CN	1	16.07.2018 15:33	1.74 €	1.74 €		
	1	Arduino Mega	Mega2560	https://www.banggood.com/Mega2560-R3-ATmega2560-16AU-Control-Board-With-USB-Cable-For-Arduino-p-73020.html?rmmds=search&stayold=1&cur_warehouse=CN	1	16.07.2018 15:35	9.03 €	9.03 €		
	1	Anemometer	for WS1080 und WS3080	https://www.elv.at/ersatz-anemometer-fuer-die-funk-wetterstation-ws1080-und-ws3080.html	1	16.07.2018 15:44	9.95 €	9.95 €		
	1	4 GB micro SD Card		https://www.conrad.de/de/transcend-premium-microsdhc-karte-4-gb-class-10-416524.html	1	16.07.2018 18:02	6.69 €	6.69 €		
	1	Thermal Compound		http://www.segor.de/#Q=WLP05-Tube&M=1	1	16.07.2018 18:02	1.50 €	1.50 €		
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