

AxxSolder V2.1							
Prises as per 2023-10-03							
Part	Value	Device	Footprint	# in design	Price / component	Price / unit	
C1, C6, C12, C14, C19, C24	10u	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	6	€	0,89	€
C2, C3, C5, C7, C8, C9, C10, C11, C13, C20, C21, C22	100n	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	12	€	0,09	€
C4, C17, C18, C25	22u	Device:C_Small	Capacitor_SMD-C_1206_3216Metric	3	€	0,88	€
C15, C16	1n	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	2	€	0,09	€
C23	330u	EMZRS000ARA331MJAQG-EMZRS000ARA331MJAOG	EMZRS000ARA331MJAOG-CPAPE1030X1050N	1	€	1,16	€
C26	75p	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	1	€	0,15	€
D1, D3, D5, D6, D12	BAT54S	Device:D_Schottky_Dual_Series_AKC	BAT54S,215-SOT95P230X110-3N	5	€	0,26	€
D2	PMEG6020ER	PMEG6020ER,115-PMEG6020ER,115	PMEG6020ER,115-PMEG6020ER115	1	€	0,42	€
D4	Waveshare 1.5inch OLED Module	1_Sinch-rgb-oled-module_asm-1110:1_Sinch-rgb-oled-1	1_Sinch-rgb-oled-module_asm-1110:1_Sinch-rgb-oled-mo	1	€	12,90	€
D7	PMEG10030ELPX	PMEG10030ELPX-PMEG10030ELPX	PMEG10030ELPX-SODFL4725X110N	1	€	0,45	€
D8	SMCJ24CA	SMCJ24CA:SMCJ24CA	SMCJ24CA:DIONM7969X262N	1	€	0,59	€
F1	10A Fuse	Device:Fuse	3557-2-3557-2	1	€	1,10	€
IC1	LT4440DAHMS8E-58PBF	LT4440DAHMS8E-58PBF:LT4440DAHMS8E-58PBF	LT4440DAHMS8E-58PBF-SOP65P490X110-9N	1	€	5,72	€
IC2	STM32G431K8T6	STM32G431K8T6:STM32G431K8T6	STM32G431K8T6-QFP80P900X900X160-32N	1	€	6,45	€
L1	SRP7028CC-100M	SRP7028CC-100M:SRP7028CC-100M	INDPM7366X900N	1	€	0,75	€
IC3	TMP236AQD8ZRQ1	TMP236AQD8ZRQ1:TMP236AQD8ZRQ1	TMP236AQD8ZRQ1-SOT95P237X112-3N	1	€	0,55	€
IC4	OPA2333AIDRBR	OPA2333AIDRBR:OPA2333AIDRBR	OPA2333AIDRBR-SON65P300X300X100-9N-D	1	€	3,78	€
J1	Conn_01x07_Male	Connector:Conn_01x07_Male	691243310007-691243310007	1	€	2,99	€
J4	Conn_01x07_Male	Connector:Conn_01x07_Male	Connector_PinSocket_2.54mm:PinSocket_1x07_P2.54mm	1	€	1,50	€
LS1	CM1-9653S-SMT-TR	CM1-9653S-SMT-TR:CM1-9653S-SMT-TR	CM1-9653S-SMT-TR:CM19653S5SMTTR	1	€	2,71	€
PS1	LD1117A533TR	LD1117A533TR:LD1117A533TR	SOT230P700X190-4N	1	€	0,84	€
IC6	TPS54302DDCR	TPS54302DDCR:TPS54302DDCR	SOT95P280X110-6N	1	€	1,84	€
Q2	2N7002NXAKR	2N7002NXAKR:2N7002NXAKR	2N7002NXAKR-SOT95P230X110-3N	1	€	0,18	€
R1, R5, R6, R17, R25, R26	4k7	Device:R_Small	Resistor_SMD-R_0805_2012Metric	6	€	0,36	€
R2	47k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,19	€
R3	6k8	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,27	€
R8, R9, R11, R12, R13, R14, R16, R18	10k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	8	€	0,47	€
R15	2m	Device:R_Small	W5LP25122LS00FEA:RESC6432X89N	1	€	0,92	€
R19, R20	1k5	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	€
R21, R22	470k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,09	€
R23, R24	220k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,09	€
R27	100k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,09	€
R28	49.9	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	€
R29	13k3	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,09	€
U1	PEC11L-4220F-S001S	PEC11L-4220F-S001S:PEC11L-4220F-S001S	PEC11L4220F5001S	1	€	2,07	€
U2	B5C014N04L5	B5C014N04L5:BS0C14N04L5	B5C014N04L5:BS0C14N04L5	1	€	1,60	€

SUM Components

€16,46

64,16

Hardware

PCB	1	€		2,00	€	2,00	N/A
Connector for soldering iron (binder 99-0624-00-07)	1	€		6,11	€	6,11	https://de.farnell.com/en-DE/binder/99-0624-00-07/socket-panel-7way/dp/1122418?ost=99+0624+00+07
Power connector (Anderson PP15)	1	€		2,12	€	2,12	https://www.mouser.se/c/7marcom+154437221
Rotary encoder knob	1	€		2,01	€	2,01	https://www.mouser.se/ProductDetail/Davies-Molding/1109?qs=byeeYqUih00oGHIJMXf6Uw%3D%3D
Rocker Switch (R13-66A-02-8B2)	1	€		2,47	€	2,47	https://www.mouser.se/ProductDetail/Shin-Chin/R13-66A-02-8B2?qs=rn3yEnK2FjVGBWCDYFMFaww%3D%3D
3D printed housing	1	€		5,00	€	5,00	N/A

SUM Hardware

€19,71

JBC stand and T210 handle piece

JBS Stand	1	€		171,40		171,4	https://www.tme.eu/se/en/details/jbc-ad-sf/soldering-iron-stands-feeders/jbc-tools/ad-sf/
T210 handle piece	1	€		66,34		66,34	https://www.tme.eu/se/en/details/jbc-t210-a/soldering-stations-accessories/jbc-tools/t210-a/
c210-0008 tip	1	€		38,34		38,34	https://www.tme.eu/se/en/details/jbc-c210008/soldering-tips/jbc-tools/c210008/

SUM JBC stand and handle

€276,08

non-brand stand and T210 handle piece

non-brand Stand	1	€		35,06		35,06	https://www.aliexpress.com/item/1005005857983522.html
T210 handle piece + 3 tips	1	€		4,02		4,02	https://www.aliexpress.com/item/1005005736571669.html

SUM non-brand stand and handle

€39,08

TOTAL Sum with genuine JBC handle and stand

€360,25

TOTAL Sum with non-brand handle and stand

€123,25