

AxxSolder V2.2			Parts for AxxSolder Station only				
Prises as per 2023-10-03			Parts for AxxSolder Portable only				
Part	Value	Device	Footprint	# in design	Price / component	Price / unit	
C1, C6, C12, C14, C19	10u	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	5	€	0,32	1,60 https://www.mouser.se/ProductDetail/Murata-Electronics/GRM218R6YA106ME43L7qs~K0Sa7bCb58LCut5cHuEA%3D%3D
C2, C3, C5, C7, C8, C9, C10, C11, C20, C21, C22, C24, C28, C29	100n	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	15	€	0,09	1,40 https://www.mouser.se/ProductDetail/KYOCERA-AVX/KGM21NR71H104KT7qs~JmZGQrTWf%2Fbn2528bYkLGT1A%3D%3D
C4, C25, C27	22u	Device:C_Small	Capacitor_SMD-C_1206_3216Metric	3	€	0,54	1,62 https://www.mouser.se/ProductDetail/TDK/C2012X651C226M125AC7qs~6IAMGBNv2528bdKwVlkuPLat523B7A%3D%3D
C17, C18	22u/35V	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	2	€	0,88	1,76 https://www.mouser.se/ProductDetail/TDK/C216X581V226M160AC7qs~NrHsANppd81Wn31e21cVtGQ%3D%3D
C15, C16	1n	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	2	€	0,09	0,19 https://www.mouser.se/ProductDetail/KYOCERA-AVX/KGM21NR71H104KT7qs~JmZGQrTWf%2Fbn2528bYkLGT1A%3D%3D
C13, C30	330u	EMZR500ARA331MJAQG	EMZR500ARA331MJAQG/CAPAE1020X1050N	1	€	1,16	1,16 https://www.mouser.se/ProductDetail/Chem-Con/EMZR500ARA331MJAQG7qs~Z28bUe1C3tatey%3D%3D
C26	75p	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	1	€	0,15	0,15 https://www.mouser.se/ProductDetail/KYOCERA-AVX/08051A750IAT2A7qs~xM%2Fc4MNUl7BnFbFCFBr%3D%3D
D1, D3, D5, D6, D12	BAT545	Device:D_Schottky_Dual_Series_AKC	BAT545_215-SOT95P230X110-3N	5	€	0,26	1,30 https://www.mouser.se/ProductDetail/Diotec-Semiconductor/BAT5457qs~OIC7AqGIE05%2FzwZD7rGmQ%3D%3D
D2	PMEG6020ER	PMEG6020ER_115-PMEG6020ER,115	PMEG6020ER,115:PMEG6020ER115	1	€	0,42	0,42 https://www.mouser.se/ProductDetail/Nexperia/PMEG6020ER1157qs~5DYmZrWUJUErK3dU9w95Sa%3D%3D
D4	Waveshare 1.5inch OLED Module	1_Sinch-rgb-oled-module_asm-1110-1_Sinch-rgb-oled-r	1_Sinch-rgb-oled-module_asm_1110-1_Sinch-rgb-oled-moi	1	€	12,90	12,90 https://www.wavelectron.com/Waveshare-13992-15inch-OLED-Module_1
D7	PMEG10030ELPX	PMEG10030ELPX:PMEG10030ELPX	PMEG10030ELPX.SODFL4725K110N	1	€	0,45	0,45 https://www.mouser.se/ProductDetail/Nexperia/PMEG10030ELPX7qs~belSlaZnXdq6L7wuyMmFQ%3D%3D
D9	SMBJ24CA	SMBJ24CA-SMBJ24CA	DIOM5436X261N	1	€	0,34	0,34 https://www.mouser.se/ProductDetail/Littelfuse/SMBJ24CA7qs~IJML70Qc4u3WcdgmMep1w%3D%3D
F1	10A Fuse	Device:Fuse	3557-2-3557-2	1	€	1,10	1,10 https://www.mouser.se/ProductDetail/Keystone-Electronics/3557-27qs~cxv41IVAGV%2FbYvA5XK1e%3D%3D
IC1	LTC4440AHMS8E-S#PBF	LTC4440AHMS8E-S#PBF-LTC4440AHMS8E-S#PBF	LTC4440AHMS8E-S#PBF:SOP65P490X110-9N	1	€	5,72	5,72 https://www.mouser.se/ProductDetail/Analog-Devices/LTC4440AHMS8E-S#PBF7qs~VXvX5c3u86VCv2528Bjm7uA%3D%3D
IC2	STM32G431K8T6	STM32G431K8T6:STM32G431K8T6	STM32G431K8T6:QFP80P900X900X160-32N	1	€	6,42	6,42 https://www.mouser.se/ProductDetail/STMicroelectronics/STM32G431K8T67qs~13oDrp3y3BteTehvAFUj%3D%3D
L1	SMP7028CC-100M	SMP7028CC-100M:SMP7028CC-100M	INDPM7566X300N	1	€	0,75	0,75 https://www.mouser.se/ProductDetail/Bourns/SMP7028CC-100M7qs~1K7Jp15SGW%2Fz8bUe1C3tatey%3D%3D
IC3	TMP236AQD8ZRL1	TMP236AQD8ZRL1:TMP236AQD8ZRL1	TMP236AQD8ZRL1:SOT95P237X112-3N	1	€	0,65	0,65 https://www.mouser.se/ProductDetail/Texas-Instruments/TMP236AQD8ZRL17qs~T3oDrp3y3BteTehvAFUj%3D%3D
IC4	OPA2333AIDRBR	OPA2333AIDRBR:OPA2333AIDRBR	OPA2333AIDRBR:SON65P300X300X100-9N-0	1	€	3,78	3,78 https://www.mouser.se/ProductDetail/Texas-Instruments/OPA2333AIDRBR7qs~pIP364FvHqBzVn2VQ%3D%3D
J1	Conn_01x07_Male	Connector:Conn_01x07_Male	691243310007:691243310007	1	€	2,99	2,99 https://www.mouser.se/ProductDetail/Wurth-Elektronik/6912433100077qs~PbYBqrBIVr9pFgIq%2Fz4JQA%3D%3D
J4	Conn_01x07_Male	Connector:Conn_01x07_Male	Connector_PinSocket_2.54mm:PinSocket_1x07_P2.54mm	1	€	1,50	1,50 https://www.mouser.se/ProductDetail/TE-Connectivity/5-534237-57qs~Gv4F5PdsjzmjT%2Fz4JQA%3D%3D
LS1	CM1-96535-SMT-TR	CM1-96535-SMT-TR:CM1-96535-SMT-TR	CM1-96535-SMT-TR:CM196535SMTTR	1	€	2,71	2,71 https://www.mouser.se/ProductDetail/CUI-Devices/CM1-96535-SMT-TR7qs~GcwK4f9nJ7uJQuBUKh%3D%3D
PS1	LD1117AS33TR	LD1117AS33TR:LD1117AS33TR	SOT7230P700X190-4N	1	€	0,84	0,84 https://www.mouser.se/ProductDetail/STMicroelectronics/LD1117AS33TR7qs~C3bF%2FVrkE5CqoDd7wv%2528BaQ%3D%3D
IC6	TPS54302DDCR	TPS54302DDCR:TPS54302DDCR	SOT95P280X110-6N	1	€	1,84	1,84 https://www.mouser.se/ProductDetail/Texas-Instruments/TPS54302DDCR7qs~EmsApcV0KxGv6CMk2KtQ%3D%3D
Q2	2N7002NXXAKR	2N7002NXXAKR:2N7002NXXAKR	2N7002NXXAKR:SOT95P230X110-3N	1	€	0,18	0,18 https://www.mouser.se/ProductDetail/Nexperia/2N7002NXXAKR7qs~2528B6dOm%2Fz4JQA%3D%3D
R1, R5, R6, R17, R25, R26	4k7	Device:R_Small	Resistor_SMD-R_0805_2012Metric	6	€	0,36	2,18 https://www.mouser.se/ProductDetail/Panasonic/ERI-HP6D4701V7qs~eP2BkZCkSV1EkcWjm%3D%3D
R3	47k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,19	0,19 https://www.mouser.se/ProductDetail/Panasonic/ERI-P06F4702V7qs~iVTEdIH4386Z5Ev%3D%3D
R8, R9, R11, R12, R13, R14, R16, R18	6k8	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,27	0,27 https://www.mouser.se/ProductDetail/ROHM-Semiconductor/S0R10E2P68017qs~uLEuWID%25287C%2528Eu89Fps%3D%3D
R10	10k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	8	€	0,17	1,34 https://www.mouser.se/ProductDetail/Panasonic/ERI-P06F1002V7qs~zV8A9Hjm5D8Yv2U%3D%3D
R15	220	Device:R_Small	W5LP251221500FEA:REC6432X89N	1	€	0,92	0,92 https://www.mouser.se/ProductDetail/Vishay-Dale/W5LP251221500FEA7qs~2FCIKPn%2528p%2FWM%2Fz4JQA%3D%3D
R19, R20	1k5	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	0,16 https://www.mouser.se/ProductDetail/Panasonic/ERI-P06F2200V7qs~iVTEdIH4386Z5Ev%3D%3D
R21, R22	470k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,19	0,35 https://www.mouser.se/ProductDetail/Panasonic/ERI-T061152V7qs~iVTEdIH426D1F0a%3D%3D
R23, R24	220k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,19	0,39 https://www.mouser.se/ProductDetail/Panasonic/ERI-6ENF2203V7qs~50QC8w71UuUzUf%3D%3D
R27	49.9	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	0,16 https://www.mouser.se/ProductDetail/Vishay-Dale/W6C0805499RFEA7qs~GedFDfLbXf5dbXym%3D%3D
R28	100k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,09	0,09 https://www.mouser.se/ProductDetail/Bourns/C80805-FX-1332LFE7qs~Hedf9Gw%2Fz4JQA%3D%3D
R29	13k3	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,07	2,07 https://www.mouser.se/ProductDetail/Bourns/PEC111-4220F-500157qs~O4nX49D1WfO5m%3D%3D
U1	PEC111-4220F-50015	PEC111-4220F-50015:PEC111-4220F-50015	PEC1114220F50015	2	€	2,07	2,07 https://www.mouser.se/ProductDetail/Bourns/PEC111-4220F-500157qs~O4nX49D1WfO5m%3D%3D
U2	BSC014N04LS	BSC014N04LS:BSC014N04LS	BSC014N04LS:BSC014N04LS	1	€	1,60	1,60 https://www.mouser.se/ProductDetail/Infineon-Technologies/BSC014N04LS7qs~EUAN2F8wssX2F8HptsBUdW%3D%3D
SUM Components					€	61,47	

Hardware

			1	€	2,00	2,00	N/A
Fuse 10A			1	€	0,38	0,38	https://www.mouser.se/ProductDetail/Littelfuse/0891005_NX57qs~5b8eIUDTsk98Gtn5s9VA%3D%3D
Connector for JBC stand (binder 99-0624-00-07)			1	€	5,11	5,11	https://de.farnell.com/binder/99-0624-00-07/socket-panelmontage-7pol/dp/11224187pf_custSiteRedirect=true
Connector for soldering iron (HIROSE(HRS) RPC1-12R8-6P(71))			1	€	6,11	6,11	https://de.farnell.com/hirose-hrs/rpc1-12r8-6p-71/rundstecker-panelmontage-6pol/dp/10777287pf_custSiteRedirect=true
Power connector (Anderson PP30)BLACK			2	€	1,22	2,44	https://www.mouser.se/ProductDetail/Anderson-Power-Products/1330G47qs~vQcdRfoBf5dn6mQazIE4EQ%3D%3D
Power connector (Anderson PP30) RED			2	€	1,22	2,44	https://www.mouser.se/ProductDetail/Anderson-Power-Products/1330T47qs~vQcdRfoBf5dn6mQazIE4EQ%3D%3D
Rotary encoder knob			1	€	2,01	2,01	https://www.mouser.se/ProductDetail/Dynal-Medizin/110927qs~vQcdRfoBf5dn6mQazIE4EQ%3D%3D
Rocker Switch (R13-66A-02-8B2)			1	€	2,47	2,47	https://www.mouser.se/ProductDetail/Shin-Chin/R13-66A-02-8B27qs~m3YEn%2Fz4JQA%3D%3D
3D printed housing			1	€	5,00	5,00	N/A
Screws - M3x8mm countersunk			4	€	0,10	0,40	N/A
Screws - M4x8mm			1	€	0,20	0,40	N/A
Screws - M2.5x10mm			4	€	0,10	0,40	N/A
Screws - M2x8mm + nuts			2	€	0,10	0,20	N/A
Aluminium plate 15x10x3 mm			1	€	1,00	1,00	N/A
SUM Hardware				€	30,36		

JBC stand

JBS Stand				1	€	171,40	171,4	https://www.tme.eu/en/details/jbc-ad-sf/soldering-iron-stands-feeders/jbc-tools/ad-sf/
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Non-genuine Stand

Non-brand Stand	WARNING: NOT tested! Use at own risk			1	€	35,06	35,06	https://www.aliexpress.com/item/1005005857983522.html
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JBC T210 handle piece

T210 handle piece				1	€	66,34	66,34	https://www.tme.eu/en/details/jbc-t210-a/soldering-stations-accessories/jbc-tools/t210-a/
C210-0008 tip				1	€	38,34	38,34	https://www.tme.eu/en/details/jbc-c210008/soldering-tips/jbc-tools/c210008/

SUM JBC stand and handle

TOTAL Sum with genuine JBC handle and stand

TOTAL Sum with non-genuine JBC stand

€ 367,91

€ 231,57