

AxxSolder V2.1 - REV B			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/GRM21BR6VA106ME43L7qs-K0Sa7bCb58L8Cutg5cHuEAk3Dn3D
C2, C3, C5, C7, C8, C9, C10, C11, C13, C20, C21, C22, C24	100n	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	13	€	0,09	1,21 https://www.mouser.se/ProductDetail/KYOCERA-AVX/KGM21NR71H104KT7qs-JmZGQvTWk2Fn25Z8bnkWLGGIT1A%3Dn3D
C4, C17, C18, C25	22u	Device:C_Small	Capacitor_SMD-C_1206_3216Metric	3	€	0,88	2,65 https://www.mouser.se/ProductDetail/TDK/C3216X5R1V226M160AC7qs-NRhsANppd8TWn31eZ1uGQn3Dn3D
C15, C16	1n	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	2	€	0,09	0,19 https://www.mouser.se/ProductDetail/KYOCERA-AVX/KGM21NR71H10KT7qs-JmZGQvTWk2Fn25Z8bnkWLGGIT1A%3Dn3D
C23	330u	EMZP500ARA331MIAQG:EMZRS00ARA331MIAJQG	EMZP500ARA331MIAQG:CAPAE1030X1050N	1	€	1,16	1,16 https://www.mouser.se/ProductDetail/KYOCERA-AVX/08051A7500A172A7qs-n%3FbN9uU78b3Cf8RrbhNq3Dn3D
C26	75p	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	1	€	0,15	0,15 https://www.mouser.se/ProductDetail/Diotec-Semiconductor/BAT5452qs-OLC7AaGieD5%3FwZ0T7GmQn3Dn3D
D1, D3, D5, D6, D12	BAT545	Device-D_Schottky_Dual_Series_AKC	BAT545,215-SOT95P3301X10-3N	5	€	0,26	1,30 https://www.mouser.se/ProductDetail/PMCE/G6020ER1157qs-5DYMzWuUErk3dJ9u95SAk3Dn3D
D2	PMEG6020ER	PMEG6020ER,115:PMEG6020ER,115	PMEG6020ER,115:PMEG6020ER115	1	€	0,42	0,42 https://www.wellectron.com/Waveshare-13992-1Sinch-OLED-Module_1
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.mouser.se/ProductDetail/Nexperia/PMEG10030ELPX:PMEG10030ELPX
D7	PMEG10030ELPX	PMEG10030ELPX:PMEG10030ELPX	PMEG10030ELPX:SODFL4725X110N	1	€	0,45	0,45 https://www.mouser.se/ProductDetail/Littelfuse/SMCJ24CA7qs-HR2RnyOI4E6hNALN6Thpwq%3Dn3D
D8	SMCJ24CA	SMCJ24CA-SMCJ24CA	SMCJ24CA:DIONNM7969X262N	1	€	0,59	0,59 https://www.mouser.se/ProductDetail/Keystone-Electronics/3557-27qs-cvq41IVAGV9k2FbYbXKp1c%3Dn3D
F1	10A Fuse	Device:Fuse	3557-2-3557-2	1	€	1,10	1,10 https://www.mouser.se/ProductDetail/Analog-Devices/LTC4440AHMS8E-5PBF7qs-hVxxq5C3xu86VC%2528BjIm7uA%3Dn3D
IC1	LTC4440AHMS8E-5PBF	LTC4440AHMS8E-5PBF:LTC4440AHMS8E-5PBF	LTC4440AHMS8E-5PBF:SOP65490X110-9N	1	€	5,72	5,72 https://www.mouser.se/ProductDetail/STMicroelectronics/STM32G431K8T6qs-13oOrph3Y8ReCtE1NAFOLq%3Dn3D
IC2	STM32G431K8T6	STM32G431K8T6:STM32G431K8T6	STM32G431K8T6:QFP80P900X900X160-32N	1	€	6,45	6,45 https://www.mouser.se/ProductDetail/Bourns/SRP7028C-100M/SRP7028C-100M
L1	SRP7028C-100M	SRP7028C-100M:SRP7028C-100M	INDPM7266X300N	1	€	0,75	0,75 https://www.mouser.se/ProductDetail/Texas-Instruments/TMP236AQDRQ1qs-T3oOrph3Y8ReCtE1NAFOLq%3Dn3D
IC3	TMP236AQDRQ1	TMP236AQDRQ1:TMP236AQDRQ1	TMP236AQDRQ1:SOT95P237X112-3N	1	€	0,55	0,55 https://www.mouser.se/ProductDetail/Texas-Instruments/OPA2333AIDRBR7qs-plP364FAH8qz6M9vzIVQn3Dn3D
IC4	OPA2333AIDRBR	OPA2333AIDRBR:OPA2333AIDRBR	OPA2333AIDRBR:SON65P900X300X100-9N-D	1	€	3,78	3,78 https://www.mouser.se/ProductDetail/Wurth-Elektronik/6912433100077qs-sPhYRqBIVt9dFip%3Fgq%3Dn3D
J1	Conn_01x07_Male	Connector:Conn_01x07_Male	691243310007:691243310007	1	€	2,99	2,99 https://www.mouser.se/ProductDetail/TE-Connectivity/5-534237-57qs-GVq5Pdsjmi8Tf92Fz24IQa%3Dn3D
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/CUI-Devices/CM1-9653S-SMT-TR7qs-qGcwI4fn7UjplQu8UKbq%3Dn3D
LS1	CM1-9653S-SMT-TR	CM1-9653S-SMT-TR:CM1-9653S-SMT-TR	CM1-9653S-SMT-TR:CM19653S5MTTR	1	€	2,71	2,71 https://www.mouser.se/ProductDetail/STMicroelectronics/LD1117AS33TR7qs-C3b%3FvK6eCoDd7wom%3D25Z8bAq%3Dn3D
PS1	LD1117AS33TR	LD1117AS33TR:LD1117AS33TR	SOT230P700X110-4N	1	€	0,84	0,84 https://www.mouser.se/ProductDetail/Texas-Instruments/TPS54302DDCR7qs-sEmApvCkQn3Dn3D
IC6	TPS54302DDCR	TPS54302DDCR:TPS54302DDCR	SOT95P280X110-6N	1	€	1,84	1,84 https://www.mouser.se/ProductDetail/Nexperia/ZN7002NXAKR7qs-25Z8B6gmDm9x7JoAsZYPPFqhwk%3Dn3D
Q2	2N7002NXAKR	2N7002NXAKR:2N7002NXAKR	2N7002NXAKR:SOT95P230X110-3N	1	€	0,18	0,18 https://www.mouser.se/ProductDetail/Panasonic/ERI-HP6D4701V7qs-eP2BKZCkX5V1EbcWImeQn3Dn3D
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-PO6F4702V7qs-vIvTEDirHA3GchqRc8%3F28Pw%3Dn3D
R2	47k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,19	0,19 https://www.mouser.se/ProductDetail/ROHM-Semiconductor/S0810ZPF68017qs-vIvTEDirHA3GchqRc8%3F28Pw%3Dn3D
R3	68k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,27	0,27 https://www.mouser.se/ProductDetail/Panasonic/ERI-PO6F1002V7qs-zV8A9hImj5Dn8Y2uJh3q%3Dn3D
R8, R9, R11, R12, R13, R14, R16, R18	10k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	8	€	0,17	1,34 https://www.mouser.se/ProductDetail/Vishay-Dale/WSLP251221500FEA:RESC6432X89N
R10	2m	Device:R_Small	WSLP251221500FEA:RESC6432X89N	1	€	0,92	0,92 https://www.mouser.se/ProductDetail/Panasonic/ERI-PO6F2200V7qs-vIvTEDirHA386Z5eVxmAM2A%3Dn3D
R15	220	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	0,16 https://www.mouser.se/ProductDetail/Panasonic/ERI-PO6F152V7qs-vIvTEDirHA386Z5eVxmAM2A%3Dn3D
R19, R20	1k5	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,18	0,35 https://www.mouser.se/ProductDetail/Panasonic/ERI-6ENF2403V7qs=50QC8w71AuUzU5yCRedA%3Dn3D
R21, R22	470k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,09	0,19 https://www.mouser.se/ProductDetail/Panasonic/ERI-6ENF2403V7qs=50QC8w71AuUzU5yCRedA%3Dn3D
R23, R24	220k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,09	0,19 https://www.mouser.se/ProductDetail/Panasonic/ERI-6ENF2403V7qs=50QC8w71AuUzU5yCRedA%3Dn3D
R27	49.9	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	0,16 https://www.mouser.se/ProductDetail/Bourns/CR0805AFX-1003LEF7qs=GedFfLAbXkQAFxmfWkA%3Dn3D
R28	100k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,09	0,09 https://www.mouser.se/ProductDetail/ROHM-Semiconductor/S0810ZPF68017qs-vIvTEDirHA386Z5eVxmAM2A%3Dn3D
R29	13k3	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,09	0,09 https://www.mouser.se/ProductDetail/Bourns/PEC111-4220F-50015
U1	PEC111-4220F-50015	PEC111-4220F-50015:PEC111-4220F-50015	PEC1114220F50015	1	€	2,07	2,07 https://www.mouser.se/ProductDetail/Infineon-Technologies/BSC014N04LS7qs=EUAS%2Fg8wskf28RHp8BUDw%3Dn3D
U2	BSC014N04LS	BSC014N04LS:BSC014N04LS	BSC014N04LS	1	€	1,60	1,60
SUM Components					€	60,80	

Hardware

PCB	1	€	2,00	€	2,00	N/A	https://www.mouser.se/ProductDetail/0891005_NX57qs=5bBelUDTsk98GtnI5s9VA%3Dn3D
Fuse 10A	1	€	0,38	€	0,38		https://de.farnell.com/binder/99-0624-00-07/socket-panelmontage-7pol/do/11224187pf_custSiteRedirecttrue
Connector for JBC stand (binder 99-0624-00-07)	1	€	5,11	€	5,11		https://de.farnell.com/hirose-hrs/rpc1-12rb-6p-71/rundstecker-panelmontage-6pol/do/10777287pf_custSiteRedirecttrue
Connector for soldering iron (HIROSE(HRS) RPC1-12RB-6P(71))	2	€	6,11	€	12,22		https://www.mouser.se/ProductDetail/Anderson-Power-Products/1330Gd47qs=voGdRiRcEn6mDnqIEQ%3Dn3D
Power connector (Anderson PP30)BLACK	2	€	1,22	€	2,44		https://www.mouser.se/ProductDetail/Anderson-Power-Products/1330Gd47qs=voGdRiRcEn6mDnqIEQ%3Dn3D
Power connector (Anderson PP30) RED	2	€	1,22	€	2,44		https://www.mouser.se/ProductDetail/Anderson-Power-Products/1330Gd47qs=voGdRiRcEn6mDnqIEQ%3Dn3D
Rotary encoder knob	1	€	2,01	€	2,01		https://www.mouser.se/ProductDetail/Davies-Molding/211097qs=byeeYqUih0QoSGUHMM6Jw%3Dn3D
Rocker Switch (R13-66A-02-882)	1	€	2,47	€	2,47		https://www.mouser.se/ProductDetail/Shin-Chin/813-66A-02-8827qs=rm3Ycn%3FvG8WbDyFMFAww%3Dn3D
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		171,40	https://www.tme.eu/se/en/details/jbc-ad-sf/soldering-iron-stands-feeders/jbc-tools/ad-sf/
-----------	---	---	--------	--	--------	---

Non-genuine Stand

Non-brand Stand	1	€	35,06		35,06	https://www.aliexpress.com/item/1005005857983522.html
-----------------	---	---	-------	--	-------	---

JBC T210 handle piece

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 € 104,68

TOTAL Sum with genuine JBC handle and stand

TOTAL Sum with non-genuine JBC stand

€ 367,24

€ 230,90