

AxxSolder V2.1			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, C24	10u	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	6	€	0,89	€	5,36	https://www.mouser.se/ProductDetail/KYOCERA-AVX/0805YC106KAT2A?qs=3HJ2avRr9PKwMzrMzrhFzg%3D%3D
C2, C3, C5, C7, C8, C9, C10, C11, C13, C20, C21, C22	100n	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	12	€	0,09	€	1,12	https://www.mouser.se/ProductDetail/KYOCERA-AVX/KGM21NR71H104KT?qs=Jm2GQyTW%2Fb%252BkywLLGt1TA%3D%3D
C4, C17, C18, C25	22u	Device:C_Small	Capacitor_SMD-C_1206_3216Metric	3	€	0,88	€	2,65	https://www.mouser.se/ProductDetail/TDK/C3216XSR1V226M160AC?qs=NRhsANppd8Twn31eZ1Gw%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/KGM21NR71H102KT?qs=Jm2GQyTW%2Fb%252BkywLLGt1TA%3D%3D
C23	330u	EMZR500ARA331MIAOG	EMZR500ARA331MIAOG:CPAPE1030X1050N	1	€	1,16	€	1,16	https://www.mouser.se/ProductDetail/Chem-Con/EMZR500ARA331MIAOG?qs=y6ZabgHbYn%252BkywLLGt1TA%3D%3D
C26	75p	Device:C_Small	Capacitor_SMD-C_0805_2012Metric	1	€	0,15	€	0,15	https://www.mouser.se/ProductDetail/KYOCERA-AVX/08051A75D1AT2A?qs=xM%2FcMNU7Bsf8CfRkNBkg%3D%3D
D1, D3, D5, D6, D12	BAT54S	Device:D_Schottky_Dual_Series_AKC	BAT54S.215:50T95P230X110-3N	5	€	0,26	€	1,30	https://www.mouser.se/ProductDetail/Diotec-Semiconductor/BAT54S?qs=OIC7AQgIEDI5%2Fwz2D7gMq%3D%3D
D4	PMEG6020ER	PMEG6020ER.115:PMEG6020ER.115	PMEG6020ER.115:PMEG6020ER.115	1	€	0,42	€	0,42	https://www.mouser.se/ProductDetail/Nexperia/PMEG6020ER115?qs=5DymZrWUeUk3D9e95SpA%3D%3D
D7	Waveshare 1.5inch OLED Module	1_Sinch-rgb-oled-module_asm-1110-1_1_Sinch-rgb-oled-1	1_Sinch-rgb-oled-module_asm-1110-1_1_Sinch-rgb-oled-mo	1	€	12,90	€	12,90	https://www.wellectron.com/Waveshare-1.5inch-OLED-Module_1
D8	PMEG10030ELPX	PMEG10030ELPX:PMEG10030ELPX	PMEG10030ELPX:SQDF14725X110N	1	€	0,45	€	0,45	https://www.mouser.se/ProductDetail/Nexperia/PMEG10030ELPX?qs=beL5IzaZNXQd6L7wuvMmFQ%3D%3D
D9	SMCJ24CA	SMCJ24CA:SMCJ24CA	SMCJ24CA:DIONM7969X262N	1	€	0,59	€	0,59	https://www.mouser.se/ProductDetail/Littelfuse/SMCJ24CA?qs=HR2RnyOIE4GhN4LN6Thpwg%3D%3D
F1	10A Fuse	Device:Fuse	3557-2:3557-2	1	€	1,10	€	1,10	https://www.mouser.se/ProductDetail/Keystone-Electronics/3557-2?qs=cxy41IVAGV%2FbyASjpxK1g%3D%3D
IC1	LTC4440AHMS8E-5#PBF	LTC4440AHMS8E-5#PBF:LTC4440AHMS8E-5#PBF	LTC4440AHMS8E-5#PBF:SOP65P490X110-9N	1	€	5,72	€	5,72	https://www.mouser.se/ProductDetail/Analog-Devices/LTC4440AHMS8E-5PBF?qs=hVkg5c3xu86VC%2528Bjm7uA%3D%3D
IC2	STM32G431K8T6	STM32G431K8T6:STM32G431K8T6	STM32G431K8T6:QFP80P900X900X160-32N	1	€	6,45	€	6,45	https://www.mouser.se/ProductDetail/STMicroelectronics/STM32G431K8T6?qs=T3oQrply3y8teCteNAFOlg%3D%3D
L1	SRP7028CC-100M	SRP7028CC-100M:SRP7028CC-100M	INDPM7366X300N	1	€	0,75	€	0,75	https://www.mouser.se/ProductDetail/Bourns/SRP7028CC-100M?qs=1Kr7Ikg1SGW%2528FchEKUD2WQ%3D%3D
IC3	TMP236AQDBZRQ1	TMP236AQDBZRQ1:TMP236AQDBZRQ1	TMP236AQDBZRQ1:50T95P237X112-3N	1	€	0,55	€	0,55	https://www.mouser.se/ProductDetail/Texas-Instruments/TMP236AQDBZRQ1?qs=T3oQrply3y83CHf%2F716GQ%3D%3D
IC4	OPA233AIDRBR	OPA233AIDRBR:OPA233AIDRBR	OPA233AIDRBR:SON65P300X300X100-9N-D	1	€	3,78	€	3,78	https://www.mouser.se/ProductDetail/Texas-Instruments/OPA233AIDRBR?qs=pJP364FAHqRpZM9vri2VQ%3D%3D
J1	Conn_01x07_Male	Connector:Conn_01x07_Male	691243310007:691243310007	1	€	2,99	€	2,99	https://www.mouser.se/ProductDetail/Wurth-Elektronik/691243310007?qs=PybYRqrBVlY9pff%2Fg9g%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/5-534237-5?qs=6YfG5jd3jmeTtN2Fz4tQAJ%3D%3D
LS1	CM1-96S35-SMT-TR	CM1-96S35-SMT-TR:CM1-96S35-SMT-TR	CM1-96S35-SMT-TR:CM196S35SMTTR	1	€	2,71	€	2,71	https://www.mouser.se/ProductDetail/CUI-Devices/CM1-96S35-SMT-TR?qs=qCwLk4fInZUpLQu8h%3D%3D
PS1	LD1117AS33TR	LD1117AS33TR:LD1117AS33TR	SOT230P700X190-4N	1	€	0,84	€	0,84	https://www.mouser.se/ProductDetail/STMicroelectronics/LD1117AS33TR?qs=C3Bf%2FVke5CoDd47wyn%2528aQ%3D%3D
IC6	TP5S4302DDCR	TP5S4302DDCR:TP5S4302DDCR	SOT95P280X110-6N	1	€	1,84	€	1,84	https://www.mouser.se/ProductDetail/Texas-Instruments/TP5S4302DDCR?qs=Em5ApcVQkXGt6CMK%3D%3D
Q2	2N7002NXXAKR	2N7002NXXAKR:2N7002NXXAKR	2N7002NXXAKR:SOT95P230X110-3N	1	€	0,18	€	0,18	https://www.mouser.se/ProductDetail/Nexperia/2N7002NXXAKR?qs=%2528gOm59k%2FVpXq%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/ERJ-P06F470Z1V?qs=ie2BKCXC5Y1EkYCWm%3D%3D
R2	47k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,19	€	0,19	https://www.mouser.se/ProductDetail/Panasonic/ERJ-P06F470Z1V?qs=ie2BKCXC5Y1EkYCWm%3D%3D
R3	6k8	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,27	€	0,27	https://www.mouser.se/ProductDetail/ROHM-Semiconductor/SDR10E2PF6801?qs=ulEaXWl0C%25287C%2528Eu89Fp%3D%3D
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/Panasonic/ERJ-P06F100Z1V?qs=ZpI8A9HmJpSdn8Y7Uih3g%3D%3D
R10	2m	Device:R_Small	WSP2512L2500FEA:RESC6432X89N	1	€	0,92	€	0,92	https://www.mouser.se/ProductDetail/Vishay-Dale/WSP2512L2500FEA?qs=%2FCXICPRL%2528p%3D%3D
R15	220	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	€	0,16	https://www.mouser.se/ProductDetail/Panasonic/ERJ-P06F220V1?qs=ie2BKCXC5Y1EkYCWm%3D%3D
R19, R20	1k5	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,18	€	0,35	https://www.mouser.se/ProductDetail/Panasonic/ERJ-T06J152V?qs=ivTEDrHA26d1F0a2exQ%3D%3D
R21, R22	470k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,09	€	0,19	https://www.mouser.se/ProductDetail/Panasonic/ERJ-6ENF4703V?qs=jxTDFmKPR1W76%2528Bqbe%2FA%3D%3D
R23, R24	220k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	2	€	0,09	€	0,19	https://www.mouser.se/ProductDetail/Panasonic/ERJ-6ENF2203V?qs=SOQzBw71AuUJf5ycREdA%3D%3D
R27	100k	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,09	€	0,09	https://www.mouser.se/ProductDetail/Bourns/CRO805AFX-1003ELF?qs=GedFDLJBXOC%2Fm%2528W%3D%3D
R28	49.9	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,16	€	0,16	https://www.mouser.se/ProductDetail/Vishay-Dale/RCC08054999FKEA?qs=GedFDLJBXOC%2Fm%2528W%3D%3D
R29	13k3	Device:R_Small	Resistor_SMD-R_0805_2012Metric	1	€	0,09	€	0,09	https://www.mouser.se/ProductDetail/Bourns/CRO805-F-1332ELF?qs=HqdsdGw%2F8pYV9pnd%3D%3D
U1	PEC11L-4220F-S0015	PEC11L-4220F-S0015:PEC11L-4220F-S0015	PEC11L4220F50015	1	€	2,07	€	2,07	https://www.mouser.se/ProductDetail/Bourns/PEC11L-4220F-S0015?qs=Q4nxAd91WFO5sq%3D%2528a%3D%3D
U2	BSC014N04L5	BSC014N04L5:BSOC14N04L5	BSC014N04L5:BSOC14N04L5	1	€	1,60	€	1,60	https://www.mouser.se/ProductDetail/Infineon-Technologies/BSC014N04L5?qs=EUA9F2g8w%2F8HptsBUDw%3D%3D

SUM Components

€ 64,46

Hardware

PCB				1	€	2,00	€	2,00	N/A
Fuse 10A				1	€	0,38	€	0,38	https://www.mouser.se/ProductDetail/Littelfuse/0891005.NXS?qs=5b8eUDTsik98Gm1S9VA%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/1122418?pf_custSiteRedirect=true
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/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=byeeYqUIh00oGHHJMXf6Uw%3D%3D
Rocker Switch (R13-66A-02-BB2)				1	€	2,47	€	2,47	https://www.mouser.se/ProductDetail/Shin-Chin/R13-66A-02-BB2?qs=m3YEn%2FjVGBWCDYFMFaww%3D%3D
3D printed housing				1	€	5,00	€	5,00	N/A
Screws - M3x8mm countersunk	For the display			4	€	0,10	€	0,40	N/A
Screws - M4x8mm	For enclosure to JBS stand			1	€	0,20	€	0,40	N/A
Screws - M2.5x10mm	For the binder 99-0624-00-07			4	€	0,10	€	0,40	N/A
Screws - M2x8mm + nuts	For the aluminium rest			2	€	0,10	€	0,20	N/A
Aluminium plate 15x10x3 mm				1	€	1,00	€	1,00	N/A

SUM Hardware

€ 27,60

JBC stand

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/
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Non-genuine Stand

WARNING: NOT tested! Use at own risk

Non-brand Stand				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/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

€ 368,14

TOTAL Sum with non-genuine JBC stand

€ 231,80