Source:	/Users/naomi	12/Desktop/Research/Mux64_Testboard/Mu	x64.kicad_sch						
Date:	Tuesday, June	27, 2023 at 11:06:48 AM							
Tool:	Eeschema (6.	0.11-0)							
Generator:	/Applications/KiCad/KiCad app/Contents/SharedSupportiplugins/born_csv_grouped_by_value.py								
Component Co	out 1	25							
Collated Comp	onents:								
Qty per Board			Value	LibPart	Footprint				ce Link to Buy Part
		50 C1, C3, C5, C6, C8, C9, C10, C11, C12		Device:C_Small		https://www.digikey.com/KEMET	0.0764		82 https://www.digikey.com/ein/products/detail/kemet/C0895C104/SRAC7025/127014817v/m_adgroup=General&utm_source=google&utm_reampaign=PMack/20Shopping_Product_Zomble%20SKUs&utm_term=&utm_content=General&gdid=QwKCA/wkepiBhArEiwASL-uM79wiFYKwPepiS(Jhn/CONh7SL.god
		50 C2, C4	10uF	Device:C_Small		https://connect.kemet.com	0.0584		12 https://www.dpiliny.com/inn/products/idetail/knmet/0805C108K9PAC7800110000207u/m_adgroup=GeneralButm_source=google&um_medium=cpodurm_campaign=PMart/20Shopping_Product_Zombie/%20SKUs&um_term=Butm_content=GeneralBocid=CjarKCAjwinokBhAnEiw&SU-uN2PCFsROXSBMGKocyHDiUIgou-Cd
		10 C7	47uF	Device:C_Small	Capacitor_SMD:C_0805_2012Metric	https://www.mouser.com/Murata	0.216	2.16	16 https://www.mouser.com/ProductDetail/81-GRM21BC80G476MES_
	4 -	H1, H2, H3, H4	MountingHole	Mechanical MountingHole	MountingHole:MountingHole_2.5mm		~		
			QTE-020-01-X-D-A	QTE-020-01-X-D-A:QTE-020-01-X-D-A	QTE-020-01-X-D-A:SAMTEC_QTE-020-01-X-D-A	http://suddendocs.samte/Samtec	9.15375		15 https://www.digitery.com/inn/products/detail/samtec-inn/QTE-020-01-L-D-A/1107/07
		24 J7, J8, J9, J10	Conn_01x24	Connector_Generic:Conn_01x24	Connector_PinSocket_2.54mm:PinSocket_2x12_P2.54mm_Vertical				46 https://www.digitery.com/en/products/detail/sulling-connector-selutions/PPTC128/FBN-RCIB10218
		40 J11, J13, J14, J16, J17, J18		Connector:Screw_Terminal_01x12	TerminalBlock_Phoenix:TerminalBlock_Phoenix_MPT-0,5-12-2.54_*		9.77		18 https://www.mouser.com/ProductDetail/851-1725753
		8 J12		Connector:Screw_Terminal_01x06	TerminalBlock_RND:TerminalBlock_RND_205-00071_1x06_P7.50n		4.96		88 https://www.mouser.com/ProductDetail/951-1988147
		20 R1, R2, R3	10Kohm	Device:R_Small_US	Resistor_SMD:R_0805_2012Metric	https://www.yageo.com/yYAGEO	0.025		15 https://www.dipiliny.com/inn/products/detail/vagoo.RCX805FR-0710KL/727535
		00 R4, R5, R6, R7, R23	1Kohm	Device:R_Small_US		https://www.yageo.com/yYAGEO	0.0127		27 https://www.digiliney.com/enriproducts/detail/yageo.RC0805FR-101KL/136944787utm_adgroup=Yageo.Butm_source=poopleButm_medium=codumt_campaign=PMax/k205hopping_Supplier_Vageo.Butm_term=Butm_content=Yageo.ButmEdutm=Codumt=Butm=Butm=Codumt=Butm=Butm=Codumt=Butm=Butm=Codumt=Butm=Codumt=Butm=Butm=Butm=Butm=Butm=Butm=Butm=B
6		00 R8, R9, R10, R15, R16, R17, R18, R19,		Device:R_Small_US	Resistor_SMD:R_0805_2012Metric	https://www.yageo.com/uPanasonic EC	0.0656		28 https://www.dpiliny.com/inn/products/detail/yagoo.RC0805.JR-0782/L-1728378
		50 R11, R12, R13, R14, R21, R22	50Mohm	Device:R_Small_US		https://www.seielect.com/Stackpole Electronics	2.7144		72 https://www.digiliery.com/en/products/detail/stackpole-electronics-in:0HMC1206.0T50M0/2883711
		50 R27, R28, R29, R30, R31, R32	240Kohm	Device:R_Small_US	Resistor_SMD:R_0805_2012Metric	https://www.yageo.com/yYAGEO	0.0152		76 https://www.digilisry.com/en/products/detail/vageo/RC/80/SFR-072-0KL/727782
		50 R51, R52, R53, R54, R55, R56	1Mohm	Device:R_Small_US	Resistor_SMD:R_0805_2012Metric	https://www.te.com/usa-gTE connectivity	0.2852	14.26	26 https://www.diplikey.com/en/products/fetalite_connectivity_passive_renductiCPF_A_090581M0E/5581876
	1 ~	TP1	TestPoint	Connector:TestPoint	TestPoint:TestPoint_Pad_D2.5mm		~	-	
		10 U1	LD1117AS12TR	Regulator_Linear:LD1117AS12TR	Package_TO_SOT_SMD:SOT-223-3_TabPin2	https://www.st.com/conte	0.807		97 https://www.digilikey.com/en/products/detail/stmicroelectronics/LD1117AS12TR110383547s/wN4lgTCBrDaiDIBECMKDxBBAyksAVAS/ALcCN2BQA
	1	10 U2	MAX6070	Reference_Voltage:MAX6070	Package_TO_SOT_SMD:SOT-23-6	https://www.analog.com/ Analog Devices	2.499	24.99	99 https://www.digilisry.com/en/products/detail/binalog-devices-inc-maxim-integrated/MAX6070BAUT12-T/3828923
Parts Total Cost 1054.36 Digitkeys Cart: https://www.digitey.com/short(p3pc/Tcy.)									
Mouser Cart:		user com ProjectManager.ProjectDatail.aspx?Acc	essID=84a895b1e6						
		84a895b1e6							
JLCPCB		ocb.com/shopcart/cart7_ga=2.126180936.49	5096297.1687963238-109	1/281/.168/963238					
PCB Cost:	50	1.7							
Total Cost:	1105.								