Sten	Otv	Reference(s)	Value	LihPart	Footprint	Note	
0	QLY	Kelerence(s)	tost the jacks to			Note	
0		test the LEDs for polarity and resistance professional at your mentioner welface					
0							
			USB B Micro			careful with those tiny pins to	
1	1	J2		FCI 10118193-	0001LF	avoid solder bridge. Affix the	
				-		shield legs for structural	
					1	integrity, test a solid fit	
2	2	R1, R5	2K4	Device:R	Resistor_THT:R_	1/4 W size	
3	2	R2, R6	10K	Device:R	Resistor_THT:R_	Axial_ 1/4W size	
4	2	R3, R4	10K or 1K	Device:R	Resistor_THT:R_/	sets the voltage range, if 10K	
						you'll see +/-1V. If 1K it makes a	
						+/-3V reference	
5	4	R7, R9, R11, R13	1K	Device:R	Resistor_THT:R_	Axial_ 1/4W size	
6	4	R8, R10, R12, R14	470R	Device:R	Resistor for LED	may vary in value to 100R to 1K	
7	6	C1. C3. C8. C10. C14.			Capacitor_THT:C_Disc_D5.0mm_W2.5mm_P5.00		
		C15	100nF	Device:C "104"			
8	6	C2. C4. C5. C7. C11.				non-polarized ceramic, lowpass	
		C13	1uF	Device:C "105"		filter value not critical	
٩	3	C6 C9 C12	10uE	Canacitor THT] CP Radial D6 3m	fold over before soldering	
10	5	cb, c5, c12	trolytic capacitors'	polarity again in	er_itadiai_bo.sh	he lower voltage	
10	1			Amplifian Open		9 W7 62mm Socket	
12	2			Amplifier Oper	Package_DIF.DIF	-6_W7.62mm_Socket	
12	2	02, 03	LIVI324	Ampliner_Oper	Package_DIP:DIP	-14_W7.62mm_SOCKEt	
13	2	RV1, RV2	B1K	Potentiometer_Bourns_3296W_		lay flat, bend pins to	
1.4			(
14			fit plastic frame to	base PCB, to nel	p nt edge connect	tors, no screws yet	
15	4	J1, J3, J4, J5	AudioJack2 Switch	MJ-3536N:MJ-3	sna:CUI MJ-353	fit wall before soldering to	
						ensure they're straight	
16	1	01	Power Unit	XP IA0505-SIP		pre-bend pins down to lay	
	_	~				module on its side	
17		clip slider slot plastic fittings into faceplate, tape down tightly.					
18		plastic frame screwed i	nto bottom to ensu	re height of fron	t panel componer	nts before soldering	
19	12		SCROWS	M3 x 4mm		don't overtighten, the plastic is	
15	12		3010003			soft	
20	2	RV3, RV4	B10K	Bournes PTA60	43-2015DPB103	make sure theyre level, "DPB"	
21	-	RV5, RV6	D10K a st	Alpha_RD901F-40-00D_Single_V		tighten to front panel before	
21	2		BIOK potentiomete			soldering	
22	4	SW1, SW2, SW3, SW4	SW_SPDT	Switch:SW_SPE	sna:SPDT_Tayda	press back uniform	
						ensure flat face. long pin is	
23	4	D1. D2. D3. D4		mm	bipolar two nin	matched in all LEDs. Test one to	
						see preferred color direction	
24			test functionality, switches, and leds				
24	2	+	hig round knobs	witches, and let	rotato align have	l vou like	
25	2				notate align now		
20	2			Mala Miana Di	press on	lan an fan ar mur dan ar	
//	1 1	1	ILINE POWER (able	INVISIO-IV/UCTO-R t	() 1/1210-1	LIGNOAR TOR CONVANIANCA	