

Voltage-controlled panner/crossfader

Rev: 1.0

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01-09-2021



	Sour ced	Plac ed	References	Notes	Value	Footprint	Qua nti ty
1	<input type="checkbox"/>	<input type="checkbox"/>	C1, C3	Bipolar electrolytic	10uF	CBP_Radial_D5.0mm_P2.50mm_Value_Silks	2
2	<input type="checkbox"/>	<input type="checkbox"/>	C4, C5, C8, C9, C10, C11, C12, C13, C14	Ceramic	100nF	C_Disc_D6.0mm_W2.5mm_P5.00mm_Va lue_Silks	9
3	<input type="checkbox"/>	<input type="checkbox"/>	C2	Ceramic	4.7nF	C_Disc_D6.0mm_W2.5mm_P5.00mm_Va lue_Silks	1
4	<input type="checkbox"/>	<input type="checkbox"/>	C6, C15	Electrolytic	330nF	CP_Radial_D5.0mm_P2.50mm_Value_ Silks	2
5	<input type="checkbox"/>	<input type="checkbox"/>	C7, C16	Electrolytic	10uF	CP_Radial_D5.0mm_P2.50mm_Value_ Silks	2
6	<input type="checkbox"/>	<input type="checkbox"/>	R1, R2, R4, R6, R7, R8, R10, R12, R13, R14, R18, R19, R20, R23, R24, R31, R32, R33, R34, R36, R38, R39, R40, R42, R44, R45, R46, R50, R51, R52, R55, R56, R63, R64	1/4 W	100k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	34
7	<input type="checkbox"/>	<input type="checkbox"/>	R3, R5, R9, R25, R26, R27, R35, R37, R41, R57, R58, R59	1/4 W	1k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	12
8	<input type="checkbox"/>	<input type="checkbox"/>	R16, R21, R48, R53	1/4 W	47k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	4
9	<input type="checkbox"/>	<input type="checkbox"/>	R29, R30, R61, R62	1/4 W	4.7k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	4
10	<input type="checkbox"/>	<input type="checkbox"/>	R11, R43	1/4 W	39k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	2
11	<input type="checkbox"/>	<input type="checkbox"/>	R15, R47	1/4 W	18k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	2
12	<input type="checkbox"/>	<input type="checkbox"/>	R17, R49	1/4 W	150k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	2
13	<input type="checkbox"/>	<input type="checkbox"/>	R22, R54	1/4 W	3.3k	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	2
14	<input type="checkbox"/>	<input type="checkbox"/>	R28, R60	1/4 W	470R	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	2
15	<input type="checkbox"/>	<input type="checkbox"/>	R65, R66	1/4 W	10R	R_Axial_DIN0207_L6.3mm_D2.5mm_P 10.16mm_Horizontal_Value_Silks	2
16	<input type="checkbox"/>	<input type="checkbox"/>	D3, D4, D7, D8	5mm LED	LED	LED_D5.0mm	4
17	<input type="checkbox"/>	<input type="checkbox"/>	D1, D2, D5, D6	Schottky diode	1N5817	D_DO- 41_SOD81_P10.16mm_Horizontal	4
18	<input type="checkbox"/>	<input type="checkbox"/>	U7	+5v regulator	78L05	TO-92_Inline_Wide	1
19	<input type="checkbox"/>	<input type="checkbox"/>	U9	-5v regulator	79L05	TO-92_Inline_Wide	1
20	<input type="checkbox"/>	<input type="checkbox"/>	U4	dual VCA	AS3360	DIP-14_W7.62mm_Socket	1
21	<input type="checkbox"/>	<input type="checkbox"/>	U5	or TL082	TL072	DIP-8_W7.62mm_Socket	1
22	<input type="checkbox"/>	<input type="checkbox"/>	U1, U2, U3, U6	or TL084	TL074	DIP-14_W7.62mm_Socket	4
23	<input type="checkbox"/>	<input type="checkbox"/>	SW1, SW2	SPDT toggle switch	SW_SPDT	Switch_SP	2
24	<input type="checkbox"/>	<input type="checkbox"/>	RV1, RV2, RV5, RV6	Alpha 9mm pot	B100k	Potentiometer_Alpha_9mm_single_ gang	4
25	<input type="checkbox"/>	<input type="checkbox"/>	RV4, RV8	Alpha 9mm pot (optionally centre detent)	B100k	Potentiometer_Alpha_9mm_single_ gang	2
26	<input type="checkbox"/>	<input type="checkbox"/>	RV3, RV7	Multiturn trimpot	5k	Multiturn_trimpot_Bourns_3296W	2
27	<input type="checkbox"/>	<input type="checkbox"/>	J13	2x5 IDC box header	Conn_02x05	IDC- Header_2x05_P2.54mm_Vertical	1
28	<input type="checkbox"/>	<input type="checkbox"/>	J1, J2, J5, J7, J8, J11	JST connector or solder directly	AudioJack	Jack_JST_conn_1x02_P2.50mm	6
29	<input type="checkbox"/>	<input type="checkbox"/>	J3, J4, J6, J9, J10, J12	JST connector or solder directly	AudioJack	Jack_JST_conn_1x03_P2.50mm	6