

DIY_Polivoks_VCF

Erica Synths DIY Polivoks VCF

V1.0 December 2016

Id	Designator	Package	Quantity	Value	Supplier and ref
18	R2	R_W4_THT	1	4.7k	5%, 250mW
20	R6,R18,R19,R20,R22,R33,R34	R_W4_THT	7	100k	5%, 250mW
21	R9,R10,R12,R15,R16,R21	R_W4_THT	6	10k	5%, 250mW
23	R23	R_W4_THT	1	3k	5%, 250mW
24	R24	R_W4_THT	1	39k	5%, 250mW
25	R25,R26,R30	R_W4_THT	3	47k	5%, 250mW
26	R27,R31,R39	R_W4_THT	3	1k	5%, 250mW
27	R28,R32	R_W4_THT	2	110k	5%, 250mW
28	R35,R36,R37,R38	R_W4_THT	4	56k	5%, 250mW
2	R1	RKT6V	1	50k	single turn trimpot
5	R3,R7,R8,R29	RD901F	4	B100k	Alpha potentiometer
6	R11	RD901F	1	A100k	Alpha potentiometer
9	C2,C5,C6,C7,C8,C9,C10,C14,C15,C16,C17	C-5mm	11	0.1uF	ceramic capacitor
10	C3,C4	CE63x25	2	47uFx25V	electrolytic capacitor
11	C11,C12	CE63x25	2	10uFx25V	electrolytic capacitor
8	C1,C13	CE63x25_NP	2	10uFx25V	non polarized electrolytic capacitor
1	DA4,DA3	TO-52	2	K140UD12	come with a kit
12	DA1	DIP-14_Socket	1	TL074	
17	DA2	DIP-8_Socket	1	TL072	
16	VT1	TO-92-M	1	2N3904	
14	VD1,VD2,VD5,VD6,VD7,VD8,VD9,VD10	DO-35	8	1N4148	
15	VD3,VD4	DO-41	2	1N4001	
3	VR1,VR2	RB090-30	2	resettable fuse	
4	L2,L1	R0125W	2	ferrite bead	
6	XP1	IDC-10MS	1	2x5 pin PSU conector	
7	XS1,XS2,XS4,XS3	WQP-PJ301M-12	4	3,5mm mono jack	Thonkiconn jacks
13	SW1	2MSxT1B5M2RE	1	SPDT switch	SPDT switch, Farnell

[Mouser shopping cart \(excludes jacks and potentiometers\)](#)