

J3RK FadeX PCB (1 Channel/PCB only)

Qty	Reference	Value	Comment	Mouser
Resistors				
1	R26	link		
4	R4,R8,R12,R14, R31,R35,R36,R37	100R		271-100-RC
2	R31,R35	1K		271-1K-RC
11	R9,R15, R17,R18,R19,R20,R21,R22,R26,R28,R29,R30,R32,R33,R34	10K		271-10K-RC
1	New	10K	add to pin 6 of U6B	271-10K-RC
0	R24	11.5K		
1	New	20K	add to pin 6 of U5B	271-20K-RC
6	R1,R5,R6,R7,R13,R16, R25,R27	30.1K		271-30.1K-RC
2	R2,R10	60.4K		271-60.4K-RC
2	R21,New	100K	range select	271-100K-RC
2	R23,New	14k 150K	range select	271-150K-RC
2	R25,New	301K	range select	271-301K-RC
2	R3,R11	1M		271-1M-RC
Capacitors				
6	C4,C7,C9,C10,C11,C12	100pF		810-FK18COG1H101J
4	C1,C3,C5,C8	330pF		810-FK18COG1H331J
9	BYP	0.1uF	bypass	810-FK18X7R1H104K
0	C2,C6	22uF	replace with link	
2	no reference designator	22uF	power supply bulk	647-UKL1V220KEDANA
Semiconductors				
2	U1,U3	LM13700		926-LM13700N/NOPB
3	U2,U4,U6	TL072		595-TL072BCPE4
1	U5	LT1013		595-LT1013DIPE4
2	Q1,Q2	2N3906		512-2N3906BU
2	D1,D2, D3	1N4148		512-1N4148
1	D3	SD-103A	schottky diode	625-SD103A
1	New	7.5V Zener	MMSZ4693T1G	863-MMSZ4693T1G
Miscellaneous				
2	BIAS ,VB1,VB2	100K	trimmer	652-3352W-1-104LF
2	16 pin DIP sockets	socket	use for U1 & U3	517-4816-3000-CP
1	0.156 4 pin MTA connector	power		571-6404454
1	FB,FB	ferrite bead		623-2743002112LF
2	CV Range select, Pan/Xfade select	DPDT switch	panel switches	108-MD1T6B1MQE-EVX
2	CV In, CV potentiometers	100K	panel controls	
5	1/4" NC jack		panel jacks	