



**ES39 - X-Fader Component Kit**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	5pF 10% Ceramic	1	C201	RAD-0.2N
2	10nF 5% Ceramic	2	C408, C411	RAD-0.2N
3	100nF Ceramic	8	C403, C404, C405, C406, C407, C409, C410, C412	RAD-0.2N
4	1uF 35V Tantalum	1	C415	RB-D5.0-P5.0
5	10uF 35V Electrolytic	2	C401, C402	RB-D5.0-P2.0
	<b>CONNECTOR</b>			
6	14-pin IC Socket 0.3inch	2	U101, U401	DIP-14
7	IDC10 Box Header	1	J401	2.54MM
8	8-pin IC Socket 0.3inch	4	U201, U202, U204, U301	DIP-8
9	16-pin IC Socket 0.3inch	1	U203	DIP-16
10	Jumper Shunt	1	JP301	2.54MM
11	1x2 Pin 9mm Header	1	JP301	2.54MM
	<b>DIODE</b>			
12	TL431 - 2.5V Adjustable Reference Diode	1	U401	TO-92
	<b>LINEAR</b>			
13	LM324 - Quad opamp	1	U101	DIP-14
14	TL071 JFET Opamp	4	U201, U202, U204, U301	DIP-8
15	LM13700 - Dual OTA	1	U203	DIP-16
	<b>INDUCTOR</b>			
16	Ferrite Bead - 5A	2	L402, -L401	AXIAL-0.3
	<b>POTENTIOMETER</b>			
17	50KB LIN - 18T Spline	2	P101, P301	ALPHA 16MM
	<b>RESISTOR</b>			
18	330R 1% 0.5W Metal Film	2	R204, R304	AXIAL-0.4
19	5K1 1% 0.5W Metal Film	2	R401, R402	AXIAL-0.4







