



Bill of Materials for ES09 - Positive Slew Component Kit V0.0

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	220pF 5% Ceramic	1	C101	RAD-0.2N
2	100nF 63V Polyester	1	C102	RAD-0.2
3	100nF Ceramic Capacitor	1	C303	RAD-0.2N
4	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
<b>CONNECTOR</b>				
5	IDC16 Box Header	1	J301	2.54MM
6	1x4 Pin 9mm Header	1	J104	2.54MM
7	IDC16 RA Box Header	2	J5, J101	2.54MM
8	1x4 Pin 20mm Header	1	J103	-
9	14-pin IC Socket 0.3inch	1	U101	DIP-14
<b>DIODE</b>				
10	6V2 5% 500mW	1	D105	DIODE-0.3
11	1N4148	4	D101, D102, D104, D201	DIODE-0.3
12	6V2 2% 500mW	1	D103	DIODE-0.3-
<b>HARDWARE</b>				
13	9mm Earth Tag	1	PANEL_GND	-
<b>LINEAR</b>				
14	LM3900 - Quad Norton Amplifier	1	U101	DIP-14
<b>INDUCTOR</b>				
15	Ferrite Bead - 0.45uH 7A	2	L301, L302	-
<b>OPTO-ELECTRONIC</b>				
16	3mm Yellow LED	1	D202	2MA
<b>POTENTIOMETER</b>				
17	100KB LIN - 18T Spline	2	P201, P202	ALPHA 16MM

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	<b>RESISTOR</b>			
18	33R 1% 0.5W Metal Film	1	R113	AXIAL-0.4
19	100R 1% 0.5W Metal Film	1	R114	AXIAL-0.4
20	220R 1% 0.5W Metal Film	1	R123	AXIAL-0.4
21	330R 1% 0.5W Metal Film	2	R109, R125	AXIAL-0.4
22	1K0 1% 0.5W Metal Film	1	R210	AXIAL-0.4
23	1K5 1% 0.5W Metal Film	1	R106	AXIAL-0.4
24	2K2 1% 0.5W Metal Film	1	R124	AXIAL-0.4
25	3K3 1% 0.5W Metal Film	1	R112	AXIAL-0.4
26	4K7 1% 0.5W Metal Film	2	R117, R208	AXIAL-0.4
27	10K 1% 0.5W Metal Film	1	R120	AXIAL-0.4
28	15K 1% 0.5W Metal Film	3	R110, R116, R119	AXIAL-0.4
29	18K 1% 0.5W Metal Film	2	R118, R207	AXIAL-0.4
30	47K 1% 0.5W Metal Film	3	R103, R107, R108	AXIAL-0.4
31	100K 1% 0.5W Metal Film	5	R101, R102, R115, R202, R204	AXIAL-0.4
32	110K 1% 0.5W Metal Film	1	R121	AXIAL-0.4
33	150K 1% 0.5W Metal Film	1	R209	AXIAL-0.4
34	220K 1% 0.5W Metal Film	2	R203, R205	AXIAL-0.4
35	330K 1% 0.5W Metal Film	1	R122	AXIAL-0.4
36	470K 1% 0.5W Metal Film	4	R105, R111, R201, R206	AXIAL-0.4
37	2M2 1% 0.5W Metal Film	1	R104	AXIAL-0.4
	<b>TRANSISTOR</b>			
38	2N3904 NPN Transistor	1	Q201	TO-92
39	BC557B PNP Transistor	2	Q101, Q105	TO-92
40	BC547B NPN Transistor	4	Q102, Q103, Q104, Q106	TO-92
	<b>TRIMPOT</b>			
41	100K 25T Cermet VTrim	1	P203	3296W
	<b>UNITS</b>			
42	Panther - IDC16 - 24cm	1	J301	-
43	Panther - IDC16 - 06cm	1	J101	-





