

Qty	Value/Name	Part Number	Description
<b>/// Resistors (1/4W Metal Film)</b>			
5	100k	R1, R17, R23, R35, R47	
18	10k	R5, R8, R9, R13, R14, R15, R18, R19, R20, R27, R30, R31, R39, R42, R43, R51, R54, R55	
2	10r	R21, R22	
8	1k	R11, R12, R33, R34, R45, R46, R57, R58	
1	220r	R16	
24	47k	R2, R3, R4, R6, R7, R10, R24, R25, R26, R28, R29, R32, R36, R37, R38, R40, R41, R44, R48, R49, R50, R52, R53, R56	
<b>/// Diodes</b>			
2	1N4004	D2, D3	
1	1N4148	D1	
<b>/// IC</b>			
4	TL074	U1, U3, U4, U5	Generic Quad Op Amp
1	TL072	U2	Generic Dual Op Amp
4	IC Socket	U1, U3, U4, U5	14 Pins
1	IC Socket	U2	8 Pins
<b>/// Capacitors</b>			
10	100nf	C2, C3, C9, C10, C11, C12, C13, C14, C15, C16	Multilayer Ceramic Capacitor, 2.5mm
1	100nf	C1	Multilayer Ceramic Capacitor, 5mm
1	470nf	C6	Multilayer Ceramic Capacitor, 5mm
1	1uf	C7	Multilayer Ceramic Capacitor, 5mm
1	4.7uf	C8	Multilayer Ceramic Capacitor, 5mm
2	10uf	C4, C5	Electrolythic Capacitor, 5x11mm, 25V minimum
<b>/// Transistors</b>			
4	2N3904	T1, T2, T3, T4	NPN Transistor
<b>/// Power &amp; Pin Headers</b>			
1	10 Pin Header	SV1	IDC Socket
1	Ribbon Power Cable		10 pin to 16 pin
2	10 Pin Header	SV2, SV3	Male
2	10 Pin Header	SV4, SV5	Female
<b>/// LED</b>			
4	LED	LED1, LED2, LED3, LED4	3mm, Blue
<b>/// Jacks</b>			
9	3.5mm Mono Jack	CV_IN, SQR_1, SQR_2, SQR_3, SQR_4, TRI_1, TRI_2, TRI_3, TRI_4	Thonkiconn
<b>/// Potentiometers</b>			
1	10k	CV_AMOUNT	Linear, Alpha 9mm Vertical, Plastic Shaft, Tall Trimmer
1	10k	SPEED	Linear, Alpha 9mm Vertical
<b>/// Hardware (optional)</b>			
2	Standoffs Female		M3x12mm
4	Screws		M3x6mm
<b>/// Knob</b>			
1	Davies	SPEED	Black