Analog Output DC Mixer BOM

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Component Count: 48

Refs	Qty	Component	Description	Manufacturer	Part	Vendor	SKU
C2, C3	2	10uF	Electrolytic capacitor				
C4, C7	2	330 pF	Ceramic capacitor				
C5, C6	2	0.1uF	Ceramic capacitor				
D1, D2	2	2N5817	Schottky diode				
D3, D4	2	1N4148	100V 0.15A standard switching diode, DO-35				
J1, J2, J3, J5, J6	5	2 Pin Molex Header	2 pin Molex header 2.54 mm spacing			Tayda	A-804
J4	1	Synth_power_2x5	2x5 pin shrouded header 2.54 mm spacing			Tayda	A-2939
J7, J8, J9, J10, J11	5	AudioJack2	Audio Jack, 2 Poles (Mono / TS)				
J12, J13, J14, J15, J16	5	2 Pin Molex Connector	2 pin Molex connector 2.54 mm spacing			Tayda	A-826
R1, R2, R3	3	120k	Resistor (matched)				
R6, R7, R9	3	15k	Resistor				
R8	1	68k	Resistor				
R10, R11, R12, R13, R15, R16	6 6	10k	Resistor (matched in pairs)				
R14, R17	2	1k	Resistor				
RV1, RV2, RV3, RV4, RV6	5	B100k	Slide potentiometer	Alpha	RA6020F	Tayda	A-4496
RV5	1	10k	Trim-potentiometer	Alpha	3296W	Tayda	A-586
U3	1	TL074	Quad Low-Noise JFET-Input Operational Amplifiers, DIP-14				
	1		14 pin DIP socket				
	5		Knobs				
	2		M3 10 mm screws				
	2		M3 6 mm screws				
	2		M3 5 mm female-female spacers				
	2		M3 20 mm male-female spacers				
	2		M3 nuts				
C1, U1, U2 references not us	ed						