

## diyAudio Soft Start

BOM for v3 Boards



Qty	Reference Designator	Value	Type	Mouser P/No	Lead Spacing	Notes
1	C1	0.01uF 1KV	Radial Ceramic	594-S103M47Z5UN63L0R	10mm	
1	C2	1uF 275V	Radial Polypropolene Snubber	80-PHE840MZ7100MF11R	20.3mm, 22.5mm, 23.4mm, 27.5mm	smaller value = longer delay
1	C3	1000uF 50V	Radial Aluminium Electrolytic	667-EEU-FC1H102	7.5mm	
1	R1	220R	3W Metal Oxide	667-ERG-3SJ221A	18.4mm	
1	R2	1M	3W Metal Film	594-5093NW1M000J	26mm	
4	R3, R4, R5, R6	180R	5W Wire Wound	280-CR5-180-RC	26mm	
1	R7	2K2	0.5W Metal Film	273-2.2K-RC	9.5mm lead spacing	
4	D1, D2, D3, D4	1N4007	Rectifier 1000Vr 1A	512-1N4007	11.05mm	
1	D5	1N4749A	24V 1W Zener Diode	512-1N4749A	11.05mm lead spacing	
1	LED1	Red	5mm Red diffused LED	78-TLHR6400	2.54mm lead spacing	
1	K1	Relay	Relay SPDT 24VDC 15mA	653-G5LA-14-CF-DC24		
5		Terminal	30A PCB Screw Terminals	534-8197	5mm	
or						
5		Terminal	TE Faston Connectors	571-624091		