

Tube-I-zator V2.0

BOM-List

Description	Quantit	Order No.	Comment
Anode Power Supply			
<u>Diodes:</u> Qspeed LQA03TC600	4	Mouser: 903-LQA03TC600	
<u>Capacitors:</u> Nichicon KX Series 220µF/450V	3	Mouser: 647-LKX2W221MESA45	1st Capacitor value max. 470µF
Wima MKP10 0,1µF/400V	3	Mouser: 505-M10.1/400/10	
<u>Resistors:</u> Vishay RN65 1K/0,1% 0,25W	2	Mouser: 71-RN65C-B-1.0K	or better (PRP / Takman / Bulk Foil)
Vishay RN65 360K/1% 0,25W	1	Mouser: 71-RN65D-F-360K	
Heater Power Supply			
<u>Diodes:</u> Qspeed LQA03TC600	4	Mouser: 903-LQA03TC600	
<u>Capacitors:</u> Panasonic FM 3.900µF/16V	3	Mouser: 667-EEU-FM1C392	
Nichicon KZ Series 22µF/100V	1	Mouser: 647-UKZ2A220MPM	
Wima MKS02 Series 47nF/63V	1	Mouser: 505-MKS02.047/63/10	
<u>Resistor:</u> Xicon 124R / 0,25W	1	Mouser: 271-124-RC	
Vishay 1K Trimmer 64W	1	Mouser: 594-64W102	
<u>Regulator:</u> LD-1085V	1	Mouser: 511-LD1085V	
Aavid Heatsink	1	Mouser: 532-529801B25G	
Heater Switch			
<u>Switch:</u> Toggle Switch on-on	1	Mouser: 108-1MD1T1B1M2QE-EVX	
SRPP Tube Stage			
<u>Output Capacitors:</u> auricap 2,2µF/400V	2	www.tubedepot.com : CP-AA-220-450V	or better (Mundorf silver/oli ect.) Quality is important here!
<u>Resistors:</u> Rk – RN55 Series	4	Value depending of the tube you use	PRP / Takman / Bulk Foil
R I/V – RN55 Series	2	Value depending of the tube you use	Quality is important here!
<u>Tube Sockets:</u> 9-Pin Miniature PC Mount Socket	2	www.tubedepot.com : SK-9PINPC2	
Wago terminal	6	Newark: 79K2058	
Wago tool	1	Newark: 28K9565	
Tube-I-zator Professional PCB	1	diyaudiopcb@gmx.com	