



# Blue Star Distortion Bill of Materials

Version 2015July01

Copyright 2014 JD Sleep

Permission refused for posting/serving this file from any site other than [www.genealguitargadgets.com](http://www.genealguitargadgets.com)

## Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	4M7 (4.7M)	 yellow-violet-green	 yellow-violet-black-yellow
R2	2M2 (2.2 M)	 red-red-green	 red-red-black-yellow
R3	none		
R4	1k	 brown-black-red	 brown-black-black-brown
R5	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R6	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R7	68k	 blue-gray-orange	 blue-gray-black-red
R8	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R9	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R10	6k8 (6.8k)	 blue-gray-red	 blue-gray-black-brown
R11	22k	 red-red-orange	 red-red-black-red
R12	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R13 ( R13T)	50k trimmer		
R14	500k Linear Potentiometer (Drive Control)		
R15	50k Linear Potentiometer (Tone Control)		
R16	100k Log Potentiometer (Volume Control)		
R17	1k	 brown-black-red	 brown-black-black-brown



# Blue Star Distortion Bill of Materials

Version 2015July01

Copyright 2014 JD Sleep

Permission refused for posting/serving this file from any site other than [www.generalguitargadgets.com](http://www.generalguitargadgets.com)

## Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.001 $\mu$ F	Ceramic or Film	102 or 1n
C2a	3.3 $\mu$ F	Aluminum Electrolytic	3.3 $\mu$ F
C2b	3.3 $\mu$ F	Aluminum Electrolytic	3.3 $\mu$ F
C3	10 $\mu$ F	Aluminum Electrolytic	10 $\mu$ F
C4	0.047 $\mu$ F	Ceramic or Film	473
C5	470pF	Ceramic	471 or 470
C6	470pF	Ceramic	471 or 470
C7	0.022 $\mu$ F	Film	223
C8a	10 $\mu$ F	Aluminum Electrolytic	10 $\mu$ F
C8b	0.1 $\mu$ F	Film	104
C9	0.001 $\mu$ F	Ceramic or Film	102 or 1n
C10	0.1 $\mu$ F	Film	104
C11	0.001 $\mu$ F	Ceramic or Film	102 or 1n
C12	0.0047 $\mu$ F	Ceramic or Film	472 or 4n7
C13a	500pF	Ceramic	501 or 500
C13b	30pF	Ceramic	30

## Potentiometers

Part Id	Value
R13	50k Trimmer
R14 (Drive)	500k linear
R15 (Tone)	50k linear
R16 (Volume)	100k log

## Other:

Part ID	Part Name
D1	1N914
D2	12 volt Zener
Q1	BS170 MOSFET Transistor
Q2	2N5457 (or J201) JFET Transistor
J1	Stereo quarter-inch jack



## Blue Star Distortion Bill of Materials

*Version 2015July01*

*Copyright 2014 JD Sleep*

*Permission refused for posting/serving this file from any site other than [www.generalguitargadgets.com](http://www.generalguitargadgets.com)*

J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery (not included in the Kit)
Sw1	Heavy Duty 3PDT footswitch (bypass)
Sw2	SPST or DPST mini toggle switch
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, knobs enclosure