

**First Watt F4 Power Amplifier**  
**Bill Of Materials**  
**P-F4-1V20**  
**Compiled By: JojoD818**  
**V1.0a 12/19/2011**



**NOTE: Parts are specified for ONE CHANNEL ONLY, multiply**

Part	Description	Value	Rating
Q1	N-Channel JFET Input	2SK170	
Q2	P-Channel JFET Input	2SJ74	
Q3	N-Channel MOSFET Output	IRFP240	
Q4	N-Channel MOSFET Output	IRFP240	
Q5	N-Channel MOSFET Output	IRFP240	
Q6	P-Channel MOSFET Output	IRFP9240	
Q7	P-Channel MOSFET Output	IRFP9240	
Q10	P-Channel MOSFET Output	IRFP9240	
Q11	3-Terminal Precision Shunt Regulator	TL431	

D1	6.8V Zener Diode	1N4736	
D2	6.8V Zener Diode	1N4736	
D3	Fast Switching Diode	1N4148	
D4	Fast Switching Diode	1N4148	

LED1	Light Emitting Diode		
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R1	Resistor	1K	1/4W
R2	Resistor	47.5K	1/4W
R3	Resistor	22.1R	1/4W
R4	Resistor	22.1R	1/4W
R5	Resistor	1K	1/4W
R6	Resistor	10k	1/4W
R7	Resistor	10k	1/4W
R8	Resistor	22.1K	1/4W
R9	Resistor	10k	1/4W
R10	Resistor	100R	1/4W
R11	Resistor	100R	1/4W
R12	Resistor	100R	1/4W
R13	Resistor	100R	1/4W
R14	Resistor	100R	1/4W
R15	Resistor	100R	1/4W
R16	Resistor	0.47R	3W
R17	Resistor	0.47R	3W
R18	Resistor	0.47R	3W
R19	Resistor	0.47R	3W
R20	Resistor	0.47R	3W
R21	Resistor	0.47R	3W

Sheet1

R22	Resistor	750R	1/4W
R23	Resistor	10k	1/4W
R24	Resistor	1K	1/4W
R25	Resistor	1K	1/4W

P1	Variable Resistor	5K	
P2	Variable Resistor	500R	

# Audio™

by 2 for STEREO

Alternate Value
2SK370
2SJ108
FQA19N20C
FQA19N20C
FQA19N20C
FQA12P20
FQA12P20
FQA12P20


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