



UNLESS OTHERWISE SPECIFIED:
 ALL RESISTOR VALUES ARE IN OHMS.
 ALL RESISTORS ARE 1/4W, 1%, METAL FILM.
 ALL POLARIZED CAPACITORS ARE ELECTROLYTIC, 25V MINIMUM.
 ALL NON-POLARIZED CAPACITORS ARE MLCC, X7R, 50V.

crosstimbers audio

SCHEMATIC,
 LM386 AUDIO AMPLIFIER

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BY	DATE	SIZE A	1001130	REV. A
SH	15 OCT 2018	SCALE: NONE		SHT 1 OF 1

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#	Quantity	Part	Description	RefDes
1	1	1000756	BRACKET, BATTERY, 9V, SIDE MOUNT	BT1
2	1	1000762	CAPACITOR, 47nF, 50V, X7R MLCC	C1
3	1	1001135	CAPACITOR, ELECTROLYTIC, 1000uF, 50V	C2
4	1	1000751	CAPACITOR, ELECTROLYTIC, 220uF, 25V	C3
5	1	1000500	CAPACITOR, 100nF, 50V, X7R MLCC	C4
6	1	1001132	CAPACITOR, 33nF, 50V, X7R MLCC	C5
7	1	1000879	CAPACITOR, 470pF, 50V, MLCC, C0G	C6
8	1	1000752	CAPACITOR, ELECTROLYTIC, 100uF, 25V	C7
9	1	1000776	CAPACITOR, ELECTROLYTIC, 4.7uF, 25V	C8
10	1	1000753	DIODE, 1N4007, 1A, D0-41	D1
11	1	1000759	LED, GRN, T-1, 3MM, 2mA	D2
12	3	1000718	HEADER, 2 POS, FRICTION LOCK, 2.54MM	J1, J3, J4
13	1	1000664	JACK, AUDIO, 3.5MM STEREO	J2
14	1	1000600	RESISTOR, 10, 1/4W, 1%, MF	R1
15	1	1000601	RESISTOR, 10K, 1/4W, 1%, MF	R2
16	1	1000859	RESISTOR, 330, 1/4W, 1%, MF	R3
17	1	1000805	RESISTOR, 6.8K, 1/4W, 1%, MF	R4
18	1	1001134	POTENTIOMETER, 10K, AUDIO, RA W SWITCH	R5
19	1	1000592	RESISTOR, 1K, 1/4W, 1%, MF	R6
20	1	1000606	IC, LM386N-4 AUDIO AMPLIFIER, DIP-8	U1

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