

EPL500 - Components List

Name	Description	Q'ty
High-speed CMOS IC	74HC00	2
	74HC02	2
	74HC76	1
	74HC191	1
	74HC4511	1
	74HC4028	1
	Operational Amplifier IC	324
Power Amplifier IC	546	1
Timer IC	555	1
Transistor (PNP)	2SA933A (R,S) or equivalent	8
Transistor (NPN)	2SC1740 (R,S) or equivalent	8
Diode	Germanium	1
	Rectifier (1N4001 or equivalent)	1
	Silicon (1S2473 or equivalent)	8
	Zener (RD4.7JSB1,B2 or equivalent)	1
Resistor	3.3 ohms, $\pm 5\%$, 1/4W	1
	4.7 ohms, $\pm 5\%$, 1/4W	1
	33 ohms, $\pm 5\%$, 1/4W	1
	68 ohms, $\pm 5\%$, 1/4W	1
	100 ohms, $\pm 5\%$, 1/4W	4
	270 ohms, $\pm 5\%$, 1/4W	2
	470 ohms, $\pm 5\%$, 1/4W	8
	680 ohms, $\pm 5\%$, 1/4W	2
	1K ohms, $\pm 5\%$, 1/4W	6
	1.8K ohms, $\pm 5\%$, 1/4W	1
	2.2K ohms, $\pm 5\%$, 1/4W	3
	2.7K ohms, $\pm 5\%$, 1/4W	4
	3.3K ohms, $\pm 5\%$, 1/4W	2
	4.7K ohms, $\pm 5\%$, 1/4W	8
	5.6K ohms, $\pm 5\%$, 1/4W	1
	6.8K ohms, $\pm 5\%$, 1/4W	2
	8.2K ohms, $\pm 5\%$, 1/4W	3
	10K ohms, $\pm 5\%$, 1/4W	10
	12K ohms, $\pm 5\%$, 1/4W	1
	22K ohms, $\pm 5\%$, 1/4W	8
	27K ohms, $\pm 5\%$, 1/4W	1
	33K ohms, $\pm 5\%$, 1/4W	6
	47K ohms, $\pm 5\%$, 1/4W	4
	100K ohms, $\pm 5\%$, 1/4W	4

Name	Description	Q'ty
Resistor	150K ohms, $\pm 5\%$, 1/4W	2
	220K ohms, $\pm 5\%$, 1/4W	3
	330K ohms, $\pm 5\%$, 1/4W	2
	470K ohms, $\pm 5\%$, 1/4W	2
	1M ohms, $\pm 5\%$, 1/4W	3
	1.5M ohms, $\pm 5\%$, 1/4W	3
	1K ohms, $\pm 2\%$, 1/4W	1
	1.5K ohms, $\pm 2\%$, 1/4W	1
	2.18K ohms, $\pm 2\%$, 1/4W	1
	2.45K ohms, $\pm 2\%$, 1/4W	1
	2.74K ohms, $\pm 2\%$, 1/4W	1
	3.27K ohms, $\pm 2\%$, 1/4W	1
	3.67K ohms, $\pm 2\%$, 1/4W	1
	Ceramic Capacitor	10pF, $\pm 5\%$, SL, CH
33pF, $\pm 5\%$, SL, CH		1
100pF, $\pm 5\%$, SL, CH		1
470pF, $\pm 5\%$, SL, CH		1
0.001 μ F, $\pm 10\%$, B		3
0.0047 μ F, $\pm 20\%$ B		3
0.01 μ F, $\pm 20\%$		6
0.022 μ F, +80/-20%		1
0.047 μ F, +80/-20%		2
0.1 μ F, +80/-20%		10
Electrolytic Capacitor	0.47 μ F, 50V	2
	1 μ F, 50V	3
	3.3 μ F, 50V	1
	10 μ F, 16V/25V/35V/50V	8
	100 μ F, 10V/16V/25V	3
	470 μ F, 10V	1
Earphone	Ceramic Type	1
Wire	5cm (White)	50
	10cm (Red)	30
	20cm (Blue)	15
	30cm (Yellow)	10
	40cm (Orange)	10
	50cm (Black)	10
	300cm (Green)	2
	Batteries	AA Type
User's Manual	Hardware Entry Course	1
	Hardware Advanced Course	1
	Software Programming Course	1