

ybox2 part list

Description	Part No.	#	1x	50x	100x	200x
Altoids Tin	59280 20254	1	\$2	\$1.50	\$1.50	\$1.50
ybox2 PCB	ybox2	1	\$15	\$5	\$5	\$5
Ethernet Jack w/Magnetics	J00-0065NL/J00-0046NL	1	\$4	\$1.89	\$1.89	\$1.89
Parallax Propeller	P8X32A-D40	1	\$12.95	\$11.14	\$11.14	\$11.14
Microchip Ethernet Controller	ENC28J60/SP	1	\$3.70	\$3.11	\$3.01	\$3.01
Voltage Regulator (3.3v)	LM2937ET-3.3	1	\$2.06	\$1.52	\$1.13	\$0.11
32KB Serial EEPROM	24LC256-I/P	1	\$1.78	\$0.98	\$0.94	\$0.94
Infrared Receiver 38.0KHz	PNA4602M	1	\$1.28	\$1.02	\$0.77	\$0.77
5MHz Crystal	300-8475	1	\$0.63	\$0.50	\$0.45	\$0.45
DIP Tactile Switch	P8011S-ND	1	\$0.26	\$0.22	\$0.19	\$0.19
Diffuse 5mm RGB LED		1	\$2	\$0.34	\$0.34	\$0.34
Piezo Speaker	900-00001	1	\$1.95	\$1.95	\$1.95	\$1.95
RCA Jack (Yellow)	RCJ-014	1	\$0.61	\$0.53	\$0.40	\$0.40
Power Jack	PJ-202A	1	\$0.38	\$0.33	\$0.25	\$0.25
8-pin DIP Socket	AE9986	1	\$0.32	\$0.25	\$0.20	\$0.20
28-pin Skinny DIP Socket	AE10286-ND	1	\$0.77	\$0.61	\$0.49	\$0.49
40-pin DIP Socket	AE9851	1	\$0.46	\$0.37	\$0.30	\$0.30
10uF Caps	ECA-1EM100	3	\$0.15	\$0.08	\$0.05	\$0.04
0.1uF Caps	399-4151-ND	8	\$0.16	\$0.08	\$0.06	\$0.05
0.01uF Caps	BC1111CT-ND	2	\$0.10	\$0.07	\$0.07	\$0.07
50 Ohm 1% Resistors	49.9XBK-ND	4	\$0.10	\$0.04	\$0.04	\$0.02
270 Ohm 5% Resistors	270QBK-ND	6	\$0.06	\$0.02	\$0.01	\$0.01
560 Ohm 5% Resistors	560QBK-ND	1	\$0.06	\$0.05	\$0.04	\$0.02
1.1k Ohm 5% Resistors	1.1KQBK-ND	1	\$0.06	\$0.05	\$0.04	\$0.02
2k Ohm 1% Resistors	2.00KXBK-ND	1	\$0.10	\$0.04	\$0.07	\$0.04
10k Ohm 5% Resistors	CFR-25JB-10K	2	\$0.05	\$0.04	\$0.02	\$0.02
Total Price Per Unit			\$53.17	\$32.73	\$31.16	\$29.83

These prices are based on parts from the following sources:

- [Gold Phoenix PCB](#)
- [DigiKey](#)
- [Parallax](#)
- [Top-Bright LED Store](#)