

Part	Description	Part No.	#	1x	50x	100x	200x				
	Altoids Tin	59280 20254	1	\$2	\$2.00	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
	ybox2 PCB	ybox2	1	\$15	\$15.00	\$5	\$5.00	\$5	\$5.00	\$5	\$5.00
ETH	Ethernet Jack w/Magnetics	J00-0065NL/J00-0046NL	1	\$4	\$4.00	\$1.89	\$1.89	\$1.89	\$1.89	\$1.89	\$1.89
IC3	Parallax Propeller	P8X32A-D40	1	\$12.95	\$12.95	\$11.66	\$11.66	\$11.14	\$11.14	\$11.14	\$11.14
IC4	Microchip Ethernet Controller	ENC28J60/SP	1	\$3.70	\$3.70	\$3.11	\$3.11	\$3.01	\$3.01	\$3.01	\$3.01
IC2	Voltage Regulator (3.3v)	LM1117T-3.3	1	\$1.66	\$1.66	\$1.66	\$1.66	\$0.91	\$0.91	\$0.91	\$0.91
IC1	64KB Serial EEPROM	AT24C512B	1	\$1.78	\$1.78	\$1.44	\$1.44	\$1.31	\$1.31	\$1.31	\$1.31
IR	Infrared Receiver 38.0KHz	PNA4602M	1	\$1.28	\$1.28	\$1.02	\$1.02	\$0.77	\$0.77	\$0.77	\$0.77
Q1	5MHz Crystal	300-8475	1	\$0.63	\$0.63	\$0.50	\$0.50	\$0.45	\$0.45	\$0.45	\$0.45
S1	DIP Tactile Switch	P8011S-ND	1	\$0.26	\$0.26	\$0.22	\$0.22	\$0.19	\$0.19	\$0.19	\$0.19
LED1	Diffuse 5mm RGB LED (Common Cathode)	L200TWRGB1K-4C-IL	1	\$2	\$2.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
SP1	Piezo Speaker	PS1240P02AT	1	\$0.39	\$0.39	\$0.36	\$0.36	\$0.29	\$0.29	\$0.29	\$0.29
RCA	RCA Jack (Yellow)	RCJ-014	1	\$0.61	\$0.61	\$0.53	\$0.53	\$0.40	\$0.40	\$0.40	\$0.40
PWR	Power Jack	PJ-202A	1	\$0.38	\$0.38	\$0.33	\$0.33	\$0.25	\$0.25	\$0.25	\$0.25
	8-pin DIP Socket	AE9986	1	\$0.32	\$0.32	\$0.25	\$0.25	\$0.20	\$0.20	\$0.20	\$0.20
	28-pin Skinny DIP Socket	AE10286-ND	1	\$0.77	\$0.77	\$0.61	\$0.61	\$0.49	\$0.49	\$0.49	\$0.49
	40-pin DIP Socket	AE9851	1	\$0.46	\$0.46	\$0.37	\$0.37	\$0.30	\$0.30	\$0.30	\$0.30
C1, C2, C8	10µF Caps	ECA-1EM100	3	\$0.15	\$0.45	\$0.08	\$0.23	\$0.05	\$0.16	\$0.04	\$0.11
C3, C4, C5, C6, C7, C11, C12, C13, C14, C15	0.1µF Caps	399-4151-ND	9	\$0.16	\$1.44	\$0.08	\$0.70	\$0.06	\$0.54	\$0.05	\$0.43
R2, R3, R9, R10	49.9 Ohm 1% Resistors	49.9XBK-ND	4	\$0.10	\$0.40	\$0.04	\$0.15	\$0.04	\$0.15	\$0.02	\$0.10
R1, R5, R12, R13, R14, R15	270 Ohm 5% Resistors	270QBK-ND	6	\$0.06	\$0.36	\$0.02	\$0.11	\$0.01	\$0.09	\$0.01	\$0.05
R7	560 Ohm 5% Resistors	560QBK-ND	1	\$0.06	\$0.06	\$0.05	\$0.05	\$0.04	\$0.04	\$0.02	\$0.02
R8	1.1k Ohm 5% Resistors	1.1KQBK-ND	1	\$0.06	\$0.06	\$0.05	\$0.05	\$0.04	\$0.04	\$0.02	\$0.02
R11	2.32k Ohm 1% Resistors	2.32KXBK-ND	1	\$0.10	\$0.10	\$0.10	\$0.10	\$0.07	\$0.07	\$0.04	\$0.04
R4, R6	10k Ohm 5% Resistors	CFR-25JB-10K	2	\$0.05	\$0.11	\$0.04	\$0.08	\$0.02	\$0.04	\$0.02	\$0.04
SL1,J1	7 pin breakable header		1	\$0.50	\$0.50	\$0.20	\$0.20	\$0.15	\$0.15	\$0.10	\$0.10
FB1	Ferrite Bead	P9821BK-ND	1	\$0.13	\$0.13	\$0.10	\$0.10	\$0.09	\$0.09	\$0.09	\$0.09
	Screws	H703-ND	4	\$0.20	\$0.80	\$0.08	\$0.33	\$0.04	\$0.17	\$0.04	\$0.17
	Nuts/Stand-Offs	H216-ND	4	\$0.08	\$0.32	\$0.02	\$0.07	\$0.01	\$0.04	\$0.01	\$0.04
J1	Shorting-Block/Jumper	S9000-ND	1	\$0.93	\$0.93	\$0.09	\$0.09	\$0.08	\$0.08	\$0.08	\$0.08
Total Price Per Unit					\$53.84	\$33.71	\$30.75	\$30.37			

Prices in **RED** are estimated. These prices are based on parts from the following sources:

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