

EET002S Oscillator Board Expanded Bill of Material  
October 28, 2012  
BarnesBOM2.xlsx

ID	QTY	Description	Stock Number	Reference Designators	Single Piece Price	Extended Single	1000-Piece Price	Extended 1000
1	3	0.1uF 50v poly	<a href="#">495-2465-ND</a>	C1, C2, C4	\$0.30	\$0.90	0.07809	\$0.23
2	2	4.7 uF 16v tant	<a href="#">399-3553-ND</a>	C3, C6	\$1.16	\$2.32	0.459	\$0.92
3	1	1.0uF 25v tant	<a href="#">399-3528-ND</a>	C5	\$1.06	\$1.06	0.3844	\$0.38
4	1	Green Led 5mm	<a href="#">754-1265-ND</a>	D1	\$0.15	\$0.15	0.05365	\$0.05
5	1	Red Led 5mm	<a href="#">754-1264-ND</a>	D2	\$0.16	\$0.16	0.0713	\$0.07
6	1	Yellow Led 5mm	<a href="#">754-1268-ND</a>	D3	\$0.16	\$0.16	0.0713	\$0.07
7	5	24 AWG Solid	<a href="#">C2003B-100-ND</a>	DIS, GND, OUT, THR, V9	\$0.02	\$0.08	16.27	\$81.35
9	2	Conn breakaway	<a href="#">A26520-40-ND</a>	J1, J4	\$2.18	\$4.36	1.08769	\$2.18
10	2	Conn breakaway	<a href="#">A26520-40-ND</a>	J3, J5	\$2.18	\$4.36	1.08769	\$2.18
12	1	NPN	<a href="#">2N3904FS-ND</a>	Q1	\$0.18	\$0.18	0.036	\$0.04
13	1	PNP	<a href="#">2N3906FS-ND</a>	Q2	\$0.20	\$0.20	0.039	\$0.04
14	1	FET	<a href="#">MPF102-ND</a>	Q3	\$0.36	\$0.36	0.18	\$0.18
15	1	330 Ohm 5% CF	<a href="#">330QBK-ND</a>	R1	\$0.07	\$0.07	0.01087	\$0.01
16	2	430 Ohm 5% CF	<a href="#">430QBK-ND</a>	R2, R4	\$0.07	\$0.14	0.01087	\$0.02
17	1	680 Ohm 5 % CF	<a href="#">680QBK-ND</a>	R3	\$0.07	\$0.07	0.01087	\$0.01
18	2	100 Ohm 5% CF	<a href="#">100QBK-ND</a>	R5, R6	\$0.07	\$0.14	0.01087	\$0.02
19	1	10-200k Photocell	<a href="#">PDV-P9008-ND</a>	R7	\$1.51	\$1.51	0.817	\$0.82
20	1	100k Pot	<a href="#">CT6EP104-ND</a>	R8	\$0.65	\$0.65	0.41715	\$0.42
21	1	Wire, Stranded 22AWG	<a href="#">C2016A-1000-ND</a>	SEN	\$0.08	\$0.08	0.08215	\$0.08
22	1	Speaker	<a href="#">102-1138-ND</a>	SP1	\$1.87	\$1.87	0.83375	\$0.83
24	1	555 Timer IC	<a href="#">296-1857-5-ND</a>	U1	\$0.74	\$0.74	0.296	\$0.30
24	1	Dip Socket		U1		\$0.00		\$0.00
25	1	9V Bat Holder	<a href="#">BH9V-PC-ND</a>	V1	\$1.49	\$1.49	0.89	\$0.89
27	1	9V Battery	<a href="#">P647-ND</a>		\$1.98	\$1.00	1.185	\$1.19
28	5	Shunt	<a href="#">S9001-ND</a>	J1, J3, J4, J5	\$0.29	\$1.45	0.06008	\$0.30
					\$16.99	\$23.49		\$92.58