

Prices valid as of Apr. 26, 2014

***** Prices currently do not reflect assembly cost, which may be negligible depending on GB Quantity; and shipping**

Prices on some of the SMD components are still for cut tape packaging. switching to a tape and reel package can lower that section of the BOM by some fractions.

Board Qty	Price (Total)	Price (Each)	Est. \$/Gh @ 25Gh nom. OC
10	\$912.250	\$91.225	\$3.649
20	\$1,735.504	\$86.775	\$3.471
25	\$2,039.658	\$81.586	\$3.263
30	\$2,134.459	\$71.149	\$2.846
50	\$3,499.340	\$69.987	\$2.799
100	\$6,155.210	\$61.552	\$2.462

Digi-Key Part Number	Description	Quantity	Price	Ext Price	Quantity	Price	Ext Price	Quantity	Price	Ext Price	Quantity	Price	Ext Price	Quantity	Price	Ext Price	Quantity	Price	Ext Price	Stock Status	Comments	
296-29519-1-ND	IC REG BUCK SYNC ADJ 30A 22SON	10	\$8.999	\$89.990	20	\$8.999	\$179.980	25	\$8.185	\$204.620	30	\$8.185	\$245.544	50	\$8.185	\$409.240	100	\$7.409	\$740.890	IN STOCK	Alternate Packaging Exists	
311-2.2HRCT-ND	RES 2.2 OHM 1/10W 1% 0603 SMD	10	\$0.020	\$0.200	20	\$0.020	\$0.400	25	\$0.014	\$0.360	30	\$0.014	\$0.432	50	\$0.014	\$0.720	100	\$0.008	\$0.820	IN STOCK	Alternate Packaging Exists	
311-14.7HRCT-ND	RES 14.7 OHM 1/10W 1% 0603 SMD	10	\$0.015	\$0.150	20	\$0.015	\$0.300	25	\$0.011	\$0.270	30	\$0.011	\$0.324	50	\$0.011	\$0.540	100	\$0.006	\$0.600	IN STOCK	Alternate Packaging Exists	
1276-1110-1-ND	CAP CER 2200PF 50V 10% X7R 0603	10	\$0.029	\$0.290	20	\$0.029	\$0.580	25	\$0.020	\$0.510	30	\$0.020	\$0.612	50	\$0.016	\$0.780	100	\$0.013	\$1.320	IN STOCK	Alternate Packaging Exists	
1276-1104-1-ND	CAP CER 0.022UF 50V 10% X7R 0603	10	\$0.040	\$0.400	20	\$0.040	\$0.800	25	\$0.028	\$0.700	30	\$0.028	\$0.840	50	\$0.021	\$1.070	100	\$0.018	\$1.820	IN STOCK	Alternate Packaging Exists	
587-3247-1-ND	CAP CER 1UF 50V 10% X7R 0603	10	\$0.194	\$1.940	20	\$0.194	\$3.880	25	\$0.194	\$4.850	30	\$0.194	\$5.820	50	\$0.117	\$5.870	100	\$0.099	\$9.850	IN STOCK	Alternate Packaging Exists	
587-2990-1-ND	CAP CER 4.7UF 25V 10% X7R 0805	10	\$0.216	\$2.160	20	\$0.216	\$4.320	25	\$0.216	\$5.400	30	\$0.216	\$6.480	50	\$0.122	\$6.080	100	\$0.108	\$10.800	IN STOCK	Alternate Packaging Exists	
587-1378-1-ND	CAP CER 22UF 16V 20% X5R 1210	120	\$0.325	\$39.000	240	\$0.325	\$78.000	300	\$0.270	\$81.000	360	\$0.270	\$97.200	600	\$0.270	\$162.000	1200	\$0.270	\$324.000	IN STOCK	Alternate Packaging Exists	
399-4697-1-ND	CAP CER 100UF 6.3V 20% X5R 1210	50	\$0.594	\$29.700	100	\$0.512	\$51.150	125	\$0.512	\$63.938	150	\$0.512	\$76.725	250	\$0.462	\$115.500	500	\$0.396	\$198.000	IN STOCK	Alternate Packaging Exists	
445-1415-1-ND	CAP CER 1UF 6.3V 20% X5R 0402	1200	\$0.010	\$11.880	2400	\$0.010	\$23.760	3000	\$0.010	\$29.700	3600	\$0.010	\$35.640	6000	\$0.008	\$49.500	12000	\$0.008	\$99.000	IN STOCK	Alternate Packaging Exists	
1276-1000-1-ND	CAP CER 0.1UF 50V 10% X7R 0603	20	\$0.027	\$0.540	40	\$0.019	\$0.752	50	\$0.014	\$0.720	60	\$0.014	\$0.864	100	\$0.012	\$1.230	200	\$0.012	\$2.460	IN STOCK	Alternate Packaging Exists	
PCE4533CT-ND	CAP ALUM 100UF 16V 20% SMD	10	\$0.700	\$7.000	20	\$0.700	\$14.000	25	\$0.700	\$17.500	30	\$0.700	\$21.000	50	\$0.418	\$20.900	100	\$0.366	\$36.580	IN STOCK	Alternate Packaging Exists	
553-2076-1-ND	INDUCT PWR 440NH SMD	10	\$1.855	\$18.550	20	\$1.855	\$37.100	25	\$1.722	\$43.060	30	\$1.722	\$51.672	50	\$1.511	\$75.530	100	\$1.378	\$137.800	IN STOCK	Alternate Packaging Exists	
F2875CT-ND	PTC RESETTABLE 15V 3A SMD 2920	10	\$0.812	\$8.120	20	\$0.812	\$16.240	25	\$0.748	\$18.700	30	\$0.748	\$22.440	50	\$0.684	\$34.190	100	\$0.568	\$56.830	IN STOCK	Alternate Packaging Exists	
311-10KGRCT-ND	RES 10K OHM 1/10W 5% 0603 SMD	10	\$0.011	\$0.110	20	\$0.011	\$0.220	25	\$0.008	\$0.200	30	\$0.008	\$0.240	50	\$0.008	\$0.400	100	\$0.005	\$0.450	IN STOCK	Alternate Packaging Exists	
311-100KHRCT-ND	RES 100K OHM 1/10W 1% 0603 SMD	20	\$0.015	\$0.300	40	\$0.011	\$0.432	50	\$0.011	\$0.540	60	\$0.011	\$0.648	100	\$0.006	\$0.600	200	\$0.006	\$1.200	IN STOCK	Alternate Packaging Exists	
311-147KHRCT-ND	RES 147K OHM 1/10W 1% 0603 SMD	10	\$0.015	\$0.150	20	\$0.015	\$0.300	25	\$0.011	\$0.270	30	\$0.011	\$0.324	50	\$0.011	\$0.540	100	\$0.006	\$0.600	IN STOCK	Alternate Packaging Exists	
311-187KHRCT-ND	RES 187K OHM 1/10W 1% 0603 SMD	10	\$0.015	\$0.150	20	\$0.015	\$0.300	25	\$0.011	\$0.270	30	\$0.011	\$0.324	50	\$0.011	\$0.540	100	\$0.006	\$0.600	IN STOCK	Alternate Packaging Exists	
311-220HRCT-ND	RES 220 OHM 1/10W 1% 0603 SMD	10	\$0.015	\$0.150	20	\$0.015	\$0.300	25	\$0.011	\$0.270	30	\$0.011	\$0.324	50	\$0.011	\$0.540	100	\$0.006	\$0.600	IN STOCK	Alternate Packaging Exists	
1276-1018-1-ND	CAP CER 1000PF 50V 10% X7R 0603	10	\$0.020	\$0.200	20	\$0.020	\$0.400	25	\$0.014	\$0.360	30	\$0.014	\$0.432	50	\$0.011	\$0.550	100	\$0.009	\$0.940	IN STOCK	Alternate Packaging Exists	
1276-4707-1-ND	RES 4.42K OHM 1/10W 1% 0603	10	\$0.014	\$0.140	20	\$0.014	\$0.280	25	\$0.010	\$0.260	30	\$0.010	\$0.312	50	\$0.008	\$0.400	100	\$0.006	\$0.580	IN STOCK	Alternate Packaging Exists	
311-3.01CRCT-ND	RES 3.01 OHM 1/8W 1% 0805 SMD	10	\$0.028	\$0.280	20	\$0.028	\$0.560	25	\$0.020	\$0.510	30	\$0.020	\$0.612	50	\$0.020	\$1.020	100	\$0.011	\$1.140	IN STOCK	Alternate Packaging Exists	
				Total	\$211.400		Total	\$414.054		Total	\$474.008		Total	\$568.809		Total	\$887.740		Total	\$1,626.88		

ENIG:	16.000	Base Fee	9.900
Qty	Price(Total)	Price(Each)	
10.000	148.850	14.885	
20.000	217.450	10.873	
30.000	254.650	8.488	
50.000	334.600	6.692	
100.000	457.330	4.573	

# Boards	# chips needed	Mixed (Tray+sampl)	samples
10	80	1311	552
20	160	1311	1104
25	200	1311	1380
30	240	1311	1656
50	400	2277	2760
100	800	4071	5520

