

Vendor	Vendor part number	Distributor	Distributor part number	Qty	Cost @volume	Qty x100	Subtot @vol	qty quote	Cost @min	Subtot @min	min. qty	PCB reference designators
Par-Metal	10-19062x 1U x 6" x 19" chassis	Par-Metal	10-19062x	1	50	100	50	100	234.72	234.72	2	
V-Infinity	VPS-25-3.3 (3.3V 5A power supply)	V-Infinity		1	16.38	100	16.38	100	39.5	39.5		
Qualtek	703W-00/03 (IEC power conn. 0.187)	Digi-Key	Q211-ND	1	0.4658	100	0.4658	100	0.64	0.64		
Molex	19003-0011 power lug	Arrow	190030011	3	0.0559	300	0.1677	1	0.1677	0.5031		
		Digi-Key	WM18238-ND		0.1981	0	0	100	0.248	0	10	
Molex	19070-0040 ring terminal	Arrow	190700040	1	0.0455	100	0.0455	1	0.0455	0.0455		
		Digi-Key	WM18273-ND		0.1689	0	0	100	0.211	0	10	
Molex	09-50-3031 (3-pos conn. housing)	Arrow	09503031	1	0.036	100	0.036	1	0.036	0.036		
		Digi-Key	WM2101-ND		0.19	0	0	100	0.32	0		
Molex	09-50-3041 (4-pos conn. housing)	Arrow	09503041	1	0.048	100	0.048	1	0.048	0.048		
		Digi-Key	WM2102-ND		0.2319	0	0	100	0.39	0		
Molex	08-50-0106 (brass/tin bag)	Arrow	08500106	4	0.064	400	0.256	1	0.064	0.256		
		Digi-Key	WM2300-ND		0.0563	0	0	100	0.07	0	10	
	08-50-0105 (brass/tin reel)	Digi-Key	WM2300CT-ND		0.563	0	0	100		0		
	08-52-0072 (bronze/tin bag)	Digi-Key	WM2302-ND		0.0757	0	0	100	0.095	0	10	
	08-52-0071 (bronze/tin reel)	Digi-Key	WM2302CT-ND		0.0757	0	0	100		0		
Advanced Ckts.	Quote Number 1101746, 4 week turn	Adv. Ckts.		1	21.9493	100	21.9493	100	374.765	374.765	2	
Micrel Semi.	MIC39150-1.8BU (1.8V regulator)	Arrow		1	1.92	100	1.92	50	2.28	2.28		U4
TI	TPS3809K33DBVT (200ms supv.)	Digi-Key	296-2631-1-ND	1	0.54	100	0.54	100	0.96	0.96		U5
ECS	ECS-3953M-1000-BN-TR	Digi-Key	XC345CT-ND	1	4.1625	100	4.1625	100	5.55	5.55		U14
Altera	EP20K100ETC144-2 (FPGA)	Arrow		1	68	100	68	100	96	96		U1
Altera	EPC2LC20 (ISP config. ROM)	Arrow		1	23.95	100	23.95	100	33.5	33.5		
		Digi-Key	544-1233-5-ND			0	0	100	35.51	0		
Altera	EPC1LC20 (OTP config. ROM)	Arrow			9	0	0	100	12.5	0		
		Digi-Key	544-1229-5-ND			0	0	100	13.25	0		
ITT Industries	PN12SHNA03QE (push-button sw)	Digi-Key	CKN1189-ND	12	0.4965	1200	5.958	1000	0.76	9.12		S1-12
	PN12SHSA03QE (push-button sw)	Arrow			0.52	0	0	1000	1.09	0		
ITT Industries	G003 round switch cap	Arrow		12	0.25	1200		3	0.36	4.32		
	981A02000 5.86mm switch cap	Digi-Key	CKN1197-ND			0	0			0		
Toshiba	TOTX141 (Toslink transmitter)	Arrow			2.83	0	0	100	3.06	0		U6-9
		Digi-Key	TOTX141-ND	4	2.7132	400	10.8528	100	4.59	18.36		
Toshiba	TORX141 (Toslink receiver)	Arrow			3.15	0	0	100	3.41	0		U10-13
		Digi-Key	TORX141-ND	4	3.01912	400	12.07648	100	5.11	20.44		
Intel	DJLXT972ALCA4834109 (10/100 phy)	Digi-Key	834109-ND	2	4.205	200	8.41	100	7.98	15.96		U2-3
Amphenol	RJHS-5385 (1 port RJ45)	Arrow	RJHS5385	2	1.06	200	2.12	1	1.67	3.34	1	J1-2
		Newark	01F1773		1.6	0	0	100	3.09	0		
		Allied	625-0390		1.41	0	0	100	2.12	0		
TI	SN74LVC1G04DBVR (SOT-23-5)	Digi-Key	296-11599-1-ND	4	0.198	400	0.792	100	0.36	1.44		U16-19
Pulse	H1102 Ethernet isolation transformer	Arrow		2	1.45	200	2.9	500	2.3	4.6		L1, L11
		Digi-Key	553-1203-ND		1.9062	0	0	100	3.84	0		
Kemet	T494B476M010AS 47 uF 20% 10V	Digi-Key	399-3007-1-ND	2	1.0564	200	2.1128	100	1.39	2.78		C29-30
Panasonic	ECK-D3D102KBP 1nF 2KV capacitor	Digi-Key	P4486A-ND	6	0.3725	600	2.235	100	0.522	3.132	10	C5, C7-8, C13, C19-20
Steward	HZ0603B102R-00 1K 0603 ferrite	Digi-Key	240-1145-1-ND	12	0.0468	1200	0.5616	1000	0.088	1.056	10	L2-10, L12, L21-22
Panasonic	ECJ-0EB1C223K 22nF X7R 16V 0402	Digi-Key	PCC2138CT-ND	23	0.01457	2300	0.33511	1000	0.038	0.874	10	C31-52, C55
AVX	0402YC223KATA2A	Arrow			0.0063	0	0	10000	0.192	0	10	
Yageo	0402F104Z7B20D 0.1 uF 16V 0402	Digi-Key	311-1047-1-ND	14	0.0208	1400	0.2912	1000	0.088	1.232	10	C21-28, C53-54, C56-59
AVX	0402YG104ZATA2A	Arrow			0.0053	0	0	10000	0.088	0	10	
Kemet	C1206C823K1RACTU 82 nF 100V 1206	Digi-Key	399-1804-1-ND	2	0.373	200	0.746	100	0.631	1.262	10	C4, C14
AVX	12061C823KATA2A	Arrow			0.0459	0	0	2000	0.631	0	10	
Kemet	C1206C103M1RACTU 0.01 uF 100V 1206	Digi-Key	399-1235-1-ND	8	0.045	800	0.36	500	0.132	1.056	10	C1, C6, C9-12, C15, C18
AVX	12061C103MATA2A	Arrow			0.0146	0	0	4000	0.341	0	10	
Panasonic	ECJ-2VC1H271J 270 pF 5% 0805	Digi-Key	PCC271CGCT-ND	4	0.0331	400	0.1324	100	0.049	0.196	10	C2, C3, C16-17
AVX	08055A271JATA2A	Arrow			0.0098	0	0	4000	0.062	0	10	
Panasonic	ERJ-8ENF2212V 22.1K 1% 1206	Digi-Key	P22.1KHCT-ND	17	0.01899	1700	0.32283	1000	0.09	1.53	10	R11-12, R23-26, R28, R30-31, R33, R35-38, R107, R112, R122
SEI	RMC1/8 22K1 1% TR	Arrow			0.0031	0	0	5000	0.117	0	10	
Panasonic	ERJ-6GEYJ301V 300 5% 0805	Digi-Key	P300ACT-ND	4	0.0238	400	0.0952	200	0.077	0.308	10	R55, R57, R60, R63
Dale	CRCW 0805 301 JRT1	Arrow			0.0018	0	0	5000	0.08	0	10	
Panasonic	ERJ-6ENF49R9V 49.9 1% 0805	Digi-Key	P49.9CCT-ND	59	0.01914	5900	1.12926	1000	0.091	5.369	10	R1-8, R15-22, R39-54, R56, R58-59, R61-62, R64-70, R87, R103-106, R113-120, R124-125
Dale	CRCW 0805 49R9 FRT1	Arrow			0.0025	0	0	5000	0.091	0	10	
Panasonic	ERJ-8GEYJ102V 1K 5% 1206	Digi-Key	P1.0KECT-ND	21	0.01987	2100	0.41727	1000	0.094	1.974	10	R71-86, R108-111, R121
Dale	CRCW 1206 102 JRT1	Arrow			0.0025	0	0	5000	0.094	0	10	
Lumex	SSF-LXH4RA5GD 2.1V, 25mA green	Digi-Key	67-1294-ND	1	0.64	100	0.64	100	0.96	0.96		D2
Diodes, Inc	BAT54WS-7 Schottky Vf=0.32V	Digi-Key	BAT54WSDICT-ND	1	0.48	100	0.48	100	0.8	0.8		D1
		Arrow	BAT54WS7			0	0		0.49	0		
AMP	103308-1 0.1" sq. 2x5 header"	Digi-Key	A26267-ND	1	0.3668	100	0.3668	960		0		J3
Mill-Max	940-99-020-17-400000 20-pin PLCC skt	Digi-Key	ED80028-ND	1	0.5738	100	0.5738	100	0.83	0.83		U15
		Arrow	9409902017400000			0	0		0.98	0		
IntegraTech	PCB assembly	n/a	n/a	1	31.94	100	31.94	100	0	0		
Qualtek	312007-01 a.c. power cord (6' 7")	Digi-Key	Q102-ND	1	2.4435	100	2.4435	100	3.37	3.37		
Keystone	2210 0.25" x 0.5" 6-32 alum. standoff	Digi-Key	2210K-ND	11	0.12028	1100	1.32308	1000	0.273	3.003	10	
Keystone	3403 0.125" #6 aluminum spacer	Digi-Key	3403K-ND	4	0.1071	400	0.4284	100	0.144	0.576	10	
McMaster-Carr.	6-32 x 1/4" Phillips machine screw	McMaster	90272A144	22	0.0136	2200	0.2992	100	0.08	1.76		
McMaster-Carr.	6-32 x 3/8" Phillips machine screw	McMaster	90272A146	2	0.0153	200	0.0306	100	0.08	0.16		
McMaster-Carr.	6-32 x 1-1/2" Phillips machine screw	McMaster	90272A157	4	0.0305	400	0.122	100	0.15	0.6		
McMaster-Carr.	4-40 x 3/8" Phillips machine screw	McMaster	90272A108	8	0.0097	800	0.0776	100	0.08	0.64		
McMaster-Carr.	6-32 hex nut	McMaster	90480A007	3	0.0085	300	0.0255	100	0.08	0.24		
McMaster-Carr.	#6 internal tooth washer	McMaster	91113A007	14	0.0102	1400	0.1428	100	0.012	0.168	100	
Microfasteners	#4 x 1/2" self tapping screw, socket head	Microfast.	STS0408	2	0.0475	200	0.095	100	0.0475	0.095	100	
Microfasteners	6-32 x 3/8" machine screw, socket head	Microfast.	SCA0606	4	0.0415	400	0.166	100	0.0415	0.166	100	
3M	Bumpon SJ-5306 .375"x.15"	Arrow	SJ-5306	2	0.0338	200	0.0676	100	0.0667	0.1334	48	
McMaster-Carr.	Adhesive clear feet 7/16" dia. x 13/64"	McMaster	95495K123	5	0.05099	500	0.25495	121	0.05099	0.25495	121	
Am. Insu. Wire	TFFN 600V 18 AWG fixture wire, red	hardware		1	0.015	100	0.015	1000	0.015	0.015	1000	
Am. Insu. Wire	TFFN 600V 18 AWG fixture wire, black	hardware		1	0.015	100	0.015	1000	0.015	0.015	1000	
Am. Insu. Wire	TFFN 600V 18 AWG fixture wire, brown	hardware		1	0.015	100	0.015	1000	0.015	0.015	1000	
Am. Insu. Wire	TFFN 600V 18 AWG fixture wire, blue	hardware		1	0.015	100	0.015	1000	0.015	0.015	1000	
Alpha Wire	3075 GY005 green/yel AWM, 18 AWG	Digi-Key	A2103E-100-ND	1	0.1	100	0.1	300	0.1	0.1	300	
McMaster-Carr.	0.0045" adhesive-backed PVC film	McMaster	8590K21	1	0.308	100	0.308	100	0.308	0.308	100	
McMaster-Carr.	6-32 x 1/2" slotted 1-way machine screw	McMaster	90287A148	1	0.0397	100	0.0397	100	0.1031	0.1031	100	
McMaster-Carr.	6-32 nylon hex nut	McMaster	94812A113	2	0.0502	200	0.1004	100	0.108	0.216	100	
Qualtek	Line cord retainer clip accessory (optional)	Digi-Key	Q266-ND	0	1.6218	0	0	100	2.44	0	1	
VeriPack	20" x 10" x 4" shipping box	VeriPack	60-201004	1	0.6	100	0.6	100	0	0	1	
VeriPack	Styrofoam packing peanuts	VeriPack	79-14	1	0.4839	100	0.48					