

Qty	Manufacturer	Man. Part #	Distributor	Dist. Part #.	Description	Value	Package	RefDes	Cost	Qty x 4	Buf. Qty.	Buf. Cost
2	Stackpole Electronics Inc	CD14ZT0R00	DigiKey	CD14ZT0R00CT-ND	0Ω, ¼ W, Resistor	0	0207/10	R46-47	\$0.06	8	10	\$0.63
26	Bourns Inc.	CR0805-J-000ELF	DigiKey	CR0805-J-000ELFCT-ND	0Ω, 0805, Resistor	0	R0805	R7-9, R10-16, R21-32, R40-42, R53	\$0.01	104	150	\$1.29
1	Panasonic Electronic Components	EEU-FR1E101B	DigiKey	P15348CT-ND	100μF electrolytic capacitor	100u	E5-6	C18,	\$0.49	4	5	\$2.45
5	Panasonic Electronic Components	ERJ-6ENF1002V	DigiKey	P10.0KCCT-ND	10KΩ, 0805, Resistor	10K	R0805	R1, R35-38	\$0.10	20	30	\$3.00
4	Yageo	CC0805KRX7R9BB103	DigiKey	311-1136-1-ND	10nF, 0805, ceramic capacitor	10n	C0805	C4, C6-8	\$0.05	16	30	\$1.50
3	Panasonic Electronic Components	ECE-A1HKS100	DigiKey	P997-ND	10μF electrolytic capacitor	10u	E5-6	C12, C15, C17	\$0.27	12	15	\$4.05
2	Panasonic Electronic Components	ERJ-6ENF1200V	DigiKey	P120CCT-ND	120Ω, 0805, Resistor	120	R0805	R3, R44	\$0.10	8	20	\$2.00
8	Yageo	CC0805KRX7R9BB104	DigiKey	311-1140-1-ND	0.1μF, 0805, ceramic capacitor	.1u	C0805	C1-3, C5, C10-11, C14, C16	\$0.05	32	50	\$2.50
1	Panasonic Electronic Components	ERJ-6ENF2200V	DigiKey	P220CCT-ND	220Ω, 0805, Resistor	220	R0805	R6,	\$0.10	4	10	\$1.00
1	Panasonic Electronic Components	ERJ-6ENF2201V	DigiKey	P2.20KCCT-ND	2.2KΩ, 0805, Resistor	2.2K	R0805	R4,	\$0.10	4	10	\$1.00
4	Panasonic Electronic Components	ERJ-6ENF3300V	DigiKey	P330CCT-ND	330Ω, 0805, Resistor	330	R0805	R5, R48-50, R52	\$0.10	16	30	\$3.00
4	Panasonic Electronic Components	ERJ-6ENF3301V	DigiKey	P3.30KCCT-ND	3.3KΩ, 0805, Resistor	3.3k	R0805	R17-20	\$0.10	16	30	\$3.00
2	Panasonic Electronic Components	ERJ-6ENF3600V	DigiKey	P360CCT-ND	360Ω, 0805, Resistor	360	R0805	R43, R45	\$0.10	8	20	\$2.00
1	Atmel	ATMEGA48A-AUR	DigiKey	ATMEGA48A-AURCT-ND	Atmega 48A microcontroller	ATMEGA48A	TQFP-32	U1,	\$2.04	4	5	\$10.20
0.2	TE Connectivity	4-103328-0	DigiKey	A26530-40-ND	Dual-row breakaway header	ATMEL_JTAG	3X2-100MIL	CON4,	\$3.20	0.8	1	\$3.20
1	Rohm Semiconductor	BD6212HFP-TR	DigiKey	BD6212HFPCT-ND	H-Bridge motor driver	BD6212	HRP7	U8,	\$4.11	4	4	\$16.44
5			DigiKey			DNS	R0805	R2, R33-34, R39, R51		20		\$0.00
1	Texas Instruments	LM1085IS-ADJ/NOPB	DigiKey	LM1085IS-ADJ/NOPB-ND	Adjustable LDO regulator, 3A, TO-263	LM1085IS-ADJ	TO-263	U2,	\$2.20	4	6	\$13.20
1	Texas Instruments	LM317MDCYR	DigiKey	296-12631-1-ND	Adjustable LDO regulator, 0.5A SOT-223-4	LM317MDCYR	DCY	U3,	\$0.68	4	6	\$4.08
2	Lite-On Inc	LTST-C170KRKT	DigiKey	160-1415-1-ND	Red 0805 LED	RED	CHIP-LED0805	LED1, LED6	\$0.24	8	10	\$2.43
3	Lite-On Inc	LTST-C171GKT	DigiKey	160-1423-1-ND	Green 0805 LED	GREEN	CHIP-LED0805	LED2-4	\$0.25	12	15	\$3.72
1			DigiKey			DNS	CHIP-LED0805	LED5,		4		\$0.00
1	Amphenol Commercial Products	G17S0900110EU	DigiKey	G17S0900110EU-ND	9 pin D-Sub, female, solder cup	DSUB-09F	DSUB09M-SOLDER-EDGE	CON1,	\$1.25	4	5	\$6.25
1	Amphenol Commercial Products	G17S1500110EU	DigiKey	G17S1500110EU-ND	15 pin D-Sub, female, solder cup	G17S1500110EU	DSUB15F-SOLDER-EDGE	CON6,	\$1.33	4	5	\$6.65
2	Keystone Electronics	5011	DigiKey	5011K-ND	Black multipurpose testpoint	KEYSTONE-TP-TH-BLACK	KEYSTONE-TESTPOINT-MULTIPURPOSE	TP1-2	\$0.33	8	10	\$3.34
2	TE Connectivity	282834-2	DigiKey	A98333-ND	2 position, 100 mil, screw terminal	2P-SCREWTERM-282836-2	2P-TERMINALBLOCK-282836-2	CON3, CON5	\$0.45	8	10	\$4.53
1	TE Connectivity	282834-5	DigiKey	A98336-ND	5 position, 100 mil, screw terminal	5P-SCREWTERM-282834-5	5P-TERMINALBLOCK-282834-5	CON2,	\$0.94	4	5	\$4.70
1	Amphenol Commercial Products	G17S1510110EU	DigiKey	G17S1510110EU-ND	15 pin D-Sub, male, solder cup	G17S1510110EU			\$1.22	4	3	\$3.66
1	Amphenol Commercial Products	G17S0910110EU	DigiKey	G17S0910110EU-ND	9 pin D-Sub, male, solder cup	DSUB-09M	DSUB15F-SOLDER-EDGE		\$0.99	4	2	\$1.98