

Main PCB Parts Cost Report BOM

Vendor	Vendor Part	Description	Part	SchematicPart	Qty	WhereUsed	ItemCost	Total Cost
Main PCB								
Digikey	DE2E3SA102MN3AX 02F	1000pF (.001)	.001uF	C3,C16	2	Main PCB	\$0.36	0.72
Digikey	ECQ-E63993JF	.039 uf cap	.039 uf cap	C12,C25	2	Main PCB	\$0.82	1.64
Digikey	B32922C3224K000	.22uF 630v	.22uF 630v	C10 ,C9,C23,C22	4	Main PCB	\$0.59	2.36
Digifikey	B32922C3474K189	.47uF 630v capacitor	.47uF 630V	C4,C5,C17,C18	4	Main PCB	\$0.91	3.64
Digikey	S100KHCT-ND	RES 100K OHM 5% 1/2W AXIAL	100k	R24,R27,R62,R65	4	Main PCB	\$0.10	0.4
Digikey	1189-500MXH100MEFCSN22X35-N	CAP ALUM 100UF 20% 500V SNAP	100uf 500v	C1,C14	2	Main PCB	\$6.40	12.8
Digikey	CF18JT10K0CT-ND	RES 10K OHM 5% 1/2W AXIAL	10k	R38,R54,R55,R66,R75,R16,R17,R67,R28,29	12	Main PCB	\$0.10	1.2
Digikey	3296W-103-ND	10K top top adjust	10k	R25,R26,R63,R64	4	Main PCB	\$4.43	17.72
Digikey	CF12JT12K0CT-ND	RES 12K OHM 5% 1/2W AXIAL	12k	R8,R46	2	Main PCB	\$0.10	0.2
Digikey	A142826CT-ND	RES 12K OHM 5% 5W AXIAL	12k	R5,R43	2	Main PCB	\$0.56	1.12
Digikey	ROX5SSJ12K	12K 5W	12k	R5, R43	2	Main PCB	\$0.56	1.12
Digikey	15ZTR-ND	15 2W	15	R32,R33,R70 ,R71	4	Main PCB	\$0.31	1.24
Digikey	BC5184-ND	150pF 1KV	150pF	C13,C26	2	Main PCB	\$0.43	0.86
Digikey	S1MHCT-ND	RES 1M OHM 5% 1/2W AXIAL	1M	R12,R13, R11,R14,R49,R50,R51,R52,R39,R	10	Main PCB	\$0.10	1
Digikey	2.2ZCT-ND	RES 2.2 OHM 5% 2W AXIAL	2.2	R3,R41	2	Main PCB	\$0.37	0.74
Digikey	399-8916-ND	CAP CER 20PF 50V C0G/NP0 RADIAL	20pf	C6,C7,C19,C20	4	Main PCB	\$0.50	2
Digikey	13-MFR50SFTE52-220RCT-ND	RES 220 OHM 1% 1/2W AXIAL	220	R4,R18,R42,R56	4	Main PCB	\$0.11	0.44
Digikey	13-MFR-50FRE52-22KCT-ND	RES 22K OHM 1% 1/2W AXIAL	22k	R9,R47	2	Main PCB	\$0.18	0.36
Digikey	2019-CF1/2CT52R271JCT-ND	RES 270 OHM 5% 1/2W AXIAL	270	R34,R35,R72,R73	4	Main PCB	\$0.12	0.48
Digikey	A98076-ND	TERM BLK 2P SIDE ENT 5.08MM PCB	282836-2	J1,J2,J4,J5,J6,J7,J9,J11,J13,J14,J15,J16,J	13	Main PCB	\$0.61	7.93
Digikey	A98077-ND	TERM BLK 3P SIDE ENT 5.08MM PCB	282836-3	J12	1	Main PCB	\$1.30	1.3
Digikey	A98339-ND	TERM BLK 6P SIDE ENT 5.08MM PCB	282836-6	J8,J20	2	Main PCB	\$3.32	6.64
Digikey	13-FMP100JT-52-33KCT-ND	RES 33K OHM 5% 1W AXIAL	33k	R2,R40	2	Main PCB	\$0.20	0.4
Digikey	36-1503-3-ND	Turret	36-1503-3-ND	J3,J10	2	Main PCB	\$0.69	1.38
Digikey	CF12JT39R0	39 ohm	39 ohm	R36,R74	2	Main PCB	\$0.10	0.2
Digikey	4.7KZCT-ND	RES 4.7K OHM 5% 2W AXIAL	4.7k	R19 ,R57	2	Main PCB	\$0.31	0.62
Digikey	4.7KZTR-ND	4.7k 2W	4.7k	R19 ,R57	2	Main PCB	\$0.31	0.62
Digikey	561R10TCCV47-ND	4.7pF 1kv	4.7pF	C8,C11,C21,C24	4	Main PCB	\$1.18	4.72
Digikey	ECW-FG80405J	4uF 800 VDC	4uF 800VDC	C2,C15	2	Main PCB	\$3.33	6.66
Digikey	13-MFR50SFTE52-5K6CT-ND	RES 5.6K OHM 1% 1/2W AXIAL	5.6k	R30,R68	2	Main PCB	\$0.11	0.22
Digikey	13-MFR50SFTE52-5K6CT-ND	RES 5.6K OHM 1% 1/2W AXIAL	5.6k	R30,R68	2	Main PCB	\$0.11	0.22
Digikey	53J50RE-ND	50 ohm 3 watt	50 ohm	R77,R78,R79,R80	4	Main PCB	\$0.43	1.72

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Digikey	749-AC07000005001JAC00CT-ND	RES 5K OHM 7W 5% AXIAL	5k	R10,R48	2	Main PCB	\$1.52	3.04
Digikey	749-AC07000005001JAC00CT-ND	5K 7W	5k	R10,R48	2	Main PCB	\$1.52	3.04
Jameco	5W-PW-24H-22S-5k	5k pot	5k pot	R23,R61	2	Main PCB	\$4.95	9.9
Digikey	MFR50SFTE52-6K8	6.8k	6.8k	R37,R76	2	Main PCB	\$0.11	0.22
Digikey	CF12JT680 KTR-ND	680k	680k	R53,R68, R31,R15	4	Main PCB	\$0.10	0.4
Parts Conneion	Socket-59015	Socket 8 pin ceramic PCB GZC8-Y-2	8 Pin Socket	V4, V5, V9.V10	4	Main PCB	\$3.16	12.64
Digikey	A138498CT-ND	RES 8.2K OHM 5% 3W AXIAL	8.2k	R60 ,R22	2	Main PCB	\$0.39	0.78
Parts Conneion	Belton-75293	Belton Socket 9 pin PCB Mount (VT9-pt)	9 pin socket	V1-V3.V6-V8	6	Main PCB	\$2.25	13.5
Digikey	TS-114-T-AA	14 pin Header	TS-114-T-AA	TP1-TP12	1	Main PCB	\$2.21	2.21
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