

CAJUN Power Supply Parts List

QTY	PART #	Designation	Digi-Key #	Price	Mouser #	Price	Total
1	MAX787	U8					Free *
2	7805	U1, U2	NJM7805FA-ND	\$ 0.60	511-L7805ACV	\$ 0.46	\$ 0.92
3	NTE1954	U3,U4,U5			526-NTE1954	\$ 2.54	\$ 7.62
1	LM2576HVT-12	U6	LM2576HVT-12-ND	\$ 9.00			\$ 9.00
1	79L05	U7	NJM79L05A-ND	\$ 0.36	513-NJM79L05A	\$ 0.30	\$ 0.30
1	MBR745	D1	MBR745-ND	\$ 2.16			\$ 2.16
1	1N5822	D6	1N5822GICT-ND	\$ 0.75	625-1N5822	\$ 0.40	\$ 0.40
4	diodes	D2, D3, D4, D5	1N4001DICT-ND(Price Per 10)	\$ 0.50	583-1N4001	\$ 0.04	\$ 0.16
4	8 amp rectifier	D7, D8, D9, D10 (ADDED JUNE 21, 1999)			583-RS801	\$ 2.19	\$ 8.76
2	50uH	L1, L2	M5711-ND	\$ 9.54	542-5711	\$ 8.92	\$ 17.84
2	68uH	L3, L4	DN7423-ND	\$ 2.76			\$ 5.52
1	220K	R2	220KQBK-ND(Price Per 10)	\$ 0.28	291-220K	\$ 0.07	\$ 0.07
1	10K	R3	10KQBK-ND(Price Per 10)	\$ 0.28	29SJ250-10K	\$ 0.07	\$ 0.07
2	2.7K	R1, R4 R5, R6	2.7KQTR-ND(Price Per 10) Only used if U6 = LM2576HVT-ADJ	\$ 0.28	291-2.7K	\$ 0.07	\$ 0.14
1	2200uF 16V	C15	P6244-ND	\$ 1.51	140-XRL16V2200	\$ 0.35	\$ 0.35
1	470uF 10V	C9	P6242-ND	\$ 0.49	140-XRL10V470	\$ 0.10	\$ 0.10
1	220uF 25V	C10	P6240-ND	\$ 0.36	140-XRL25V220	\$ 0.10	\$ 0.10
10	100uF 25V	C1, C2, C3, C4, C5, C7, C11, C12, C13	P6239-ND	\$ 0.28	140-XRL25V100 (9)	\$ 0.06	\$ 0.80
2	.01uF	C6, C8	P3103-ND	\$ 0.44	140-50Z5-103M	\$ 0.08	\$ 0.16
1	.002uF	C14	P3222-ND	\$ 0.38	140-50Z5-202M	\$ 0.07	\$ 0.07
2	3300uF 35V	C16, C17			140-XRL35V3300	\$ 1.05	\$ 2.10
2	1000uF 35V	C18, C19			140-XRL35V1000	\$ 0.41	\$ 0.82
2	Relay	K1, K2	PB271-ND	\$ 3.28	431-0112	\$ 2.14	\$ 4.28
1	Heat Sink	U8	HS188-ND	\$ 1.45	532-529802B25	\$ 1.31	\$ 1.31
7	Heat Sink	U1, U2, U3, U4, U5, U6, U7	HS120-ND	\$ 0.75	532-593002B34	\$ 0.67	\$ 4.69
1	555 Timer	U9	LM555CN-ND	\$ 0.42	511-NE555N	\$ 0.41	\$ 0.41
1	8 Pin Dip Socket	U9	A9308-ND	\$ 0.05	506-208-AG39D	\$ 0.16	\$ 0.05
* Note go to the following site to ask for samples (This does work!): http://209.1.238.253/sl_requests.htm					Total		\$ 68.20

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