

Partlist LocoBuffer-II

Part	Value	RR-CirKits Part #	Library	Supplier	Order #
C1	100µf	CAP-100/35-E	rcl	Jameco	198969CF
C2	47µf	CAP-47/35-E	rcl	Jameco	31000CF
C3	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C4	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C5	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C6	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C7	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C8	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C9	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C10	.1µf	CAP-.1/50	rcl	Jameco	25523CF
C11	47µf	CAP-47/35-E	rcl	Jameco	198951CF
C12	47µf	CAP-47/35-E	rcl	Jameco	31000CF
C13	.1µf	CAP-.1/50	rcl	Jameco	25523CF
D1	1N4148	1N4148	diode		
D2	1N4148	1N4148	diode		
D3	1N4148	1N4148	diode		
D4	1N4148	1N4148	diode		
D5	1N4148	1N4148	diode		
D6	1N4148	1N4148	diode		
D7	Gn 3MM	LED-G-1	led	Mouser	604-L934SGD
D8	R 3MM	LED-R-1	led	Mouser	604-L7104SRD/D
D9	Gn 3MM	LED-G-1	led	Mouser	604-L934SGD
VR1	7805	7805T	linear	Mouser	512-LM7805CT
VR2	78L05	78L05	linear	Mouser	512-LM78L05ACZX
IC1	PIC16F873A	PIC16F873A	microchip-rrc	Digikey	PIC16F873A-I/SP-ND
IC2	ST232A	ST-232A	maxim-rrc	Mouser	511-ST232ABN
IC3	6N136	6N136	optocoupler	Jameco	42471CF
IC4	6N136	6N136	optocoupler	Jameco	42471CF
IC5	LM393N	LM-393N	linear	Mouser	511-LM393N
Q1	RESOX909	X909	crystal	Mouser	520-ZTT2000MX
R1	4K7	R-4.7K-1/8W	rcl	Mouser	299-4.7K/AP
R2	2K0	R-2K-1/8W	rcl	Mouser	299-2K/AP
R3	2K0	R-2K-1/8W	rcl	Mouser	299-2K/AP
R4	2K0	R-2K-1/8W	rcl	Mouser	299-2K/AP
R5	PTC 100ma	PTC-010		Mouser	652-MFR010
R6	10R	R-10-1/8W	rcl	Mouser	299-10R/AP
R7	47K	R-47K-1/8W	rcl	Mouser	299-47K/AP
R8	47K	R-47K-1/8W	rcl	Mouser	299-47K/AP
R9	47K	R-47K-1/8W	rcl	Mouser	299-47K/AP
R10	47K	R-47K-1/8W	rcl	Mouser	299-47K/AP
R11	47K	R-47K-1/8W	rcl	Mouser	299-47K/AP
R12	1K2	R-1.2K-1/8W	rcl	Mouser	299-1.2K/AP
R13	150K	R-150K-1/8W	rcl	Mouser	299-150K/AP
R14	22K	R-22K-1/8W	rcl	Mouser	299-22K/AP
R15	47K	R-47K-1/8W	rcl	Mouser	299-47K/AP
R16	3K3	R-3.3K-1/8W	rcl	Mouser	299-3.3K/AP
R17	2K0	R-2K-1/8W	rcl	Mouser	299-2K/AP
R18	680	R-680-1/8W	rcl	Mouser	299-680/AP
R19	220K	R-220K-1/8W	rcl	Mouser	299-220K/AP
R20	15K	R-15K-1/8W	rcl	Mouser	299-15K/AP
R21	2K0	R-2K-1/8W	rcl	Mouser	299-2K/AP
R22	680	R-680-1/8W	rcl	Mouser	299-680/AP
R23	10K	R-10K-1/8W	rcl	Mouser	299-10K/AP
R24	1K	R-1K-1/8W	rcl	Mouser	299-10K/AP
R25	47R	R-47-1/8W	rcl	Mouser	299-47/AP
SW1	8PST	SW-8PST	jumper	Digikey	CT1948MST-ND
J1	6P6C	Jack-6P6C-H	con-amp-rrc	Jameco	115836
X1	Serial	CON-DB9S-PC	con-subd	Jameco	104951CF
X2	Power	Pwr-Jack-2.1	con-lumberg	AllCorp	DJC1
T1	2N2222A	PN2222A	transistor-npn	Jameco	178511CF
T2	2N2222A	PN2222A	transistor-npn	Jameco	178511CF
T3	2N2222A	PN2222A	transistor-npn	Jameco	178511CF
S1	Socket-28-3	28LPD		Jameco	112299CF
E1	Enclosure	ENCL-CNL-0407-Bone	PacTec	Mouser	616-73107-510-039
PCB	Circuit Board	LocoBuffer-II-PCB		AmCir	LB-II-RevB