

PhonoClone PD Version

Ref	Value	Mouser Part No.	Parts Connexion	QTY	Price	Total	Notes
Phono Section							
Capacitors							
C1	Cap. V-Cap TFTF 0.047uF/600V	18X31mm	VCAP-005-71787	2	\$44.99	\$89.98	Qty:2 price
C2	Cap. V-Cap TFTF 0.01uF/600V	12.7X19mm	VCAP-001-71784	2	\$34.99	\$69.98	Qty:2 price
C3	Cap. BG N 10uF/50V	647-UES1H100MPM		2	\$0.23	\$0.46	
Other Choice	Cap. 10uF/16VDC, WIMA MKS2	505-MKS2XL-10/16/20		0	\$4.78	\$0.00	MKS2-XL-10/16/20
C4,5	Cap. BG STD 100uF/16V		BLKGATE-060-58653	2	\$2.25	\$4.50	
Resistors							
R1	Res.1K62 CADDOCK		Percy Audio	2	\$3.95	\$7.90	
R2,3	Res. 3K3		CADDOCK-111-51191	4	\$3.95	\$15.80	
R4,6	Res. 330K		CADDOCK-183-62292	4	\$3.95	\$15.80	
R5	Res. 33K		CADDOCK-148-51210	2	\$3.95	\$7.90	
R7	Res. 47R (Not used anymore...)	Post #152, 9-Dec-2009	CADDOCK-044-51160	0	\$4.50	\$0.00	
Semi-Conductors							
U2,3	IC,OP27, TO-99			0	\$0.00	\$0.00	Original PhonoClone
U2,3	IC,OPA627AP	595-OPA627AP		4	18.37	\$73.48	
					Total 2 CH	\$285.80	
Supply							
Capacitors							
C1,2	Cap. BG STD 1000uF/25V		Percy Audio	2	\$5.75	\$11.50	BLKGATE-072-60222
C9,10	Cap. 100uF/25V Nichicon FG Serie	647-UFG1E101MPM	NICHICON-72579	2	\$0.39	\$0.77	C3-C6 Removed
C7,8	Cap. 0.1uF/160V MKP1837		VISROD-72943	2	\$1.99	\$3.98	
C11,12	Cap. BG STD 100uF/16V		BLKGATE-060-58653	2	\$2.25	\$4.50	
Resistors							
R1,2	Res. 12R, 2W PRP	71-CPF212R000FKE14	PRP-007-70843	2	\$0.65	\$1.30	
R3,4	Res. 25R, 2W (or 27R) TAKMAN	71-CPF2-F-24.9	TAKMAN-166-73075 (2 X 47R //)	2	\$3.30	\$6.60	PRP-019-70846
R5,6	Res. 1K, RN55D Vishay	71-RN55D-F-1.0K		2	\$0.08	\$0.16	
R7,8	Res. 200R, RN55D Vishay	71-RN55D-F-200		2	\$0.08	\$0.16	
Semi-Conductors							
U1	IC, LM317	511-LM317T		1	\$0.60	\$0.60	
U2	IC, LM337	511-LM337SP		1	\$0.88	\$0.88	
U3,4	IC, OPA627AP	595-OPA627AP		2	\$18.37	\$36.74	
Q1	Trans. MJE15031	863-MJE15031G		1	\$1.16	\$1.16	
Q2	Trans. MJE15030	863-MJE15030G		1	\$1.16	\$1.16	
D1-D8	Diode, MUR860			4	\$2.00	\$8.00	
D9,10	Diode, J511, 4.5ma Current Source		Peter Daniel	2	\$2.50	\$5.00	1N5314 Alternate part
D11,12	IC, LM285-2.5	863-LM285Z-2.5G		2	\$0.82	\$1.64	
Hardware							
PCB			Peter Daniel Design	1	\$40.00	\$40.00	
XFMR	Hammond	229D24		1	\$23.57	\$23.57	
Heatsink	Custom brackets		Peter Daniel	2	\$3.00	\$6.00	
AC Inlet	AC Inlet integrated Fuse & SW	562-762-18/002		1	\$9.76	\$9.76	
Other Choice	AC Inlet IEC320		Digikey Q218-ND	0	\$0.90	\$0.00	
Fuse	FUSE 2A 125V SLOW AXL BULK MS		Digikey 507-1032-ND	1	\$0.91	\$0.91	
Case	Case 2"X3" Tube Alu.			1	\$15.00	\$15.00	
In/Out RCA	Cardas CTFA Economy		OEM by Peter Daniel	4	\$2.70	\$10.80	
					Supply Total	\$190.19	
					Preamp Phono Total	\$475.99	