

REV E  
 DWG NO. 200258-000

MATERIAL LIST

TITLE	ASSEMBLY, PCB DOUBLE DENSITY DATA SEPARATOR	DWG NO.	200258-000	REV E	SHEET 1 OF 2
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MODEL 70/270/277 BASIC BOARD	<b>PERSCI, INC.</b>	3-12-80 ECO 576
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ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
1	PROCESSED BOARD	200257	1	REV C
2	SUBASSY, HARNESS	200398-005	1	P6
3				
4	IC LM311N	150600	1	U4
5	IC MC1458-P1	150602	2	U1,3
6	IC 7400	150603	1	U2
7	IC 7474	150609	2	U9,7
8	IC 7486	150611	1	U6
9	IC 74123	150612	1	U10
10	IC 7416	150621	1	U11
11	IC 74121	150623	2	U5,8
12				
13				
14				
15	TRANSISTOR 2N4400	150200	2	Q2,7
16	TRANSISTOR 2N4402	150201	4	Q1,4,8,9
17	TRANSISTOR 2N5460	150202	2	Q5,6
18	TRANSISTOR 2N2913	150203	1	Q3
19	TRANSISTOR 2N2222A	150208	1	Q10
20				
21				
22				
23	DIODE 1N3064	150300	7	CR1,2, 4,5,6,7,8
24	DIODE, ZENER 1N752A	150302	1	VR1
25	DIODE, ZENER 1N751A	150311	1	VR2
26				
27				
28				
29	CAPACITOR, MICA 100PF	150102-101	3	C2,5,6
30	CAPACITOR, MICA 510PF	150102-511	3	C4,7,14
31				
32	CAPACITOR, MYLAR .022UF	150101-223	2	C3,8
33				

**MATERIAL LIST**

REV E  
DWG NO. 200258-000

TITLE ASSEMBLY, PCB DOUBLE DENSITY DATA SEPARATOR		DWG NO. 200258-000		REV E	SHEET 2 OF 2
MODEL 270 BASIC BOARD		<b>PERSCI, INC.</b> ECO 576			
ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS	
34	CAPACITOR, TANTL., 10% 1UF	150100-105	6	C1,9,10,11,12,13	
35					
36					
37	RESISTOR, VARIABLE 2K	150003-202	4	R4,16,29,31	
38					
39	RESISTOR, 1/2 W., 5% 1K	150002-102	2	R35,36	
40	RESISTOR, 1/4 W., 5% 27	150000-270	1	R7	
41	RESISTOR, 1/4 W., 5% 750	150000-751	1	R18	
42	RESISTOR, 1/2 W., 5% 1K	150000-102	12	R8,13,14, 21,24,25,26,33,34, 37,39,40	
43	RESISTOR, 1/2 W., 5% 2K	150000-202	1	R30	
44	RESISTOR, 1/4 W., 5% 100	150000-101	2	R6,41	
45	RESISTOR, 1/2 W., 5% 2.7K	150000-272	1	R20	
46	RESISTOR, 1/2 W., 5% 3.9K	150000-392	3	R27,28,15	
47	RESISTOR, 1/4 W., 5% 4.3K	150000-432	1	R3	
48	RESISTOR, 1/4 W., 5% 5.1K	150000-512	2	R19,38	
49	RESISTOR, 1/2 W., 5% 8.2K	150000-822	1	R32	
50	RESISTOR, 1/2 W., 5% 10K	150000-103	1	R23	
51	RESISTOR, 1/4 W., 5% 22K	150000-223	2	R10,22	
52	RESISTOR, 1/2 W., 5% 150	150000-151	1	R2	
53	↑ ↑	180	↑ -181	1	R5
54	↓ ↓	510	↓ -511	1	R1
55	↑ ↑	3.3K	↓ -332	1	R12
56	RESISTOR 1/4W.,5% 20K	150000-203	3	R9,11,42	
57	RESISTOR 1/4W.,5% 10	150000-100	1	R17	
58	PIN, MALE	100046	7	TP1,2,3,4,5,6,7	
59					
60					
61					
	SCHMATIC	200259	REF	REV C	
	ARTWORK	200256	REF		