

REV
E
DWG NO.
200157-000

MATERIAL LIST

TITLE **ASSY. P.C.B. PHASED LOCKED DOUBLE F DATA SEPARATOR** DWG NO. **200157-000** REV **E** SHEET **1** OF **2**

MOD 70/270/277

PERSCI, INC.

ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
1	PROCESSED BOARD	200155	1	REV D
2	SUBASSY, HARNESS	200398-005	1	P6
3				
4	IC LM311N	150600	1	U3
5	IC MC1458-P1	150602	1	U2
6	IC 7400	150603	2	U1, 8
7	IC 7474	150609	4	U4, 6, 7, 9
8	IC 7486	150611	1	U5
9	IC 74123	150612	1	U10
10	IC 7416	150621	1	U11
11				
12				
13				
14	TRANSISTOR 2N4400	150200	2	Q2, 6
15	TRANSISTOR 2N4402	150201	4	Q1, 4, 7, 8
16	TRANSISTOR 2N5460	150202	1	Q5
17	TRANSISTOR 2N2913	150203	1	Q3
18				
19				
20	DIODE 1N3064	150300	8	CR1,2,3,4,5,6,7,8
21	DIODE, ZENER 1N752A	150302	1	VR1
22	DIODE, ZENER 1N751A	150311	1	VR2
23				
24				
25	CAPACITOR, MICA 100 Pf	150102-101	3	C6, 10, 11
26	CAPACITOR, MYLAR 1000 Pf	150101-102	1	C9
27	CAPACITOR, MYLAR .0015 Uf	150101-152	1	C7
28	CAPACITOR, MYLAR .01 Uf	150101-103	1	C8
29	CAPACITOR, FILML., 10% 1 Uf	150100-105	5	C1, 2, 3, 4, 5
30				
31				
32				
33	RESISTOR VAR., 20 TURN 2K	150003-202	1	R13

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REV E
 DWG NO. 200157-000

TITLE	ASSY. P.C.B. PHASED LOCKED DOUBLE P DATA SEPARATOR	DWG NO.	200157-000	REV	E	SHEET	2 OF 2
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PERSCI, INC.

ITEM NO.	DRAWING TITLE	DWG NO.	QTY	REMARKS
34				
35	RESISTOR $\frac{1}{2}W$ 5% 1K	150002-102	1	R28
36				
37	RESISTOR $\frac{1}{2}W$ 5% 330	150000-331	1	R3
38	RESISTOR $\frac{1}{2}W$ 5% 750	150000-751	1	R15
39	RESISTOR $\frac{1}{2}W$ 5% 1K	150000-102	11	R2,4,5,6,12,14,16, R20,22,26,27
40	RESISTOR $\frac{1}{2}W$ 5% 1.5K	150000-152	1	R10
41	RESISTOR $\frac{1}{2}W$ 5% 3.3K	150000-332	2	R1, 17
42	RESISTOR $\frac{1}{2}W$ 5% 3.9K	150000-392	2	R23, 24
43	RESISTOR $\frac{1}{2}W$ 5% 5.1K	150000-512	1	R21
44	RESISTOR $\frac{1}{2}W$ 5% 5.6K	150000-562	1	R11
45	RESISTOR $\frac{1}{2}W$ 5% 10K	150000-103	1	R19
46	RESISTOR $\frac{1}{2}W$ 5% 15K	150000-153	1	R9
47	RESISTOR $\frac{1}{2}W$ 5% 22K	150000-223	2	R7, 18
48	RESISTOR $\frac{1}{2}W$ 5% 240K	150000-244	1	R8
49				
50				
51				
52	HOUSING, CONNECTOR, 10 Pin	100032-010	1	P6
53				
54				
55				
56	PIN, MALE	100046	5	TP1, 2, 3, 4, 5
57				
58	WIRE, INSUL., AWG 24			
59				
60				
61				
	SCHMATIC	200115	REF	REV C
	ARTWORK	200156	REF	