

REV		PERSCI INCORPORATED				MATERIAL LIST				
M/L NO. 200591-000	REV J	TITLE ASSEMBLY, PCB PHASED LOCKED FM DATA SEPARATOR				M/L NO. 200591-000		REV J		
		COMPILED BY: SA	DATE: 4/7/80	CHECKED BY: [Signature]	DATE: [Signature]	APPROVED BY: [Signature]	DATE: [Signature]	RELEASE/CHANGE DATE: 3-12-80	ECO 576	
		NEXT ASSY. 200800, 200801, 200131, 200597		1ST USED ON 270, 277, 288, 299A2/B,		DWG SIZE C		SHEET 1 OF 3		
		ITEM NO.	DRAWING TITLE		DWG NO.	QTY	CODE	REMARKS		
1	BOARD, PROCESSED		200590	1	D	REV D				
2										
3										
4	I.C.	306	150646	1		U1				
5		MC1458-P1	150602	1		U4				
6		7400	150603	2		U3,7				
7		7474	150609	4		U6, 8, 9, 10				
8		7486	150611	1		U11				
9		74123	150612	1		U5				
10	I.C.	7416	150621	1		U2				
11										
12										
13										
14										
15	TRANSISTOR, NPN	2N4400	150200	2		Q2, 6				
16		PNP 2N4402	150201	4		Q1, 4, 7, 8				
17		2N5460	150202	1		Q5				
18	TRANSISTOR	2N2913	150203	1		Q3				
19										
20										
21										
22										
23	DIODE	1N3064	150300	8		CR1, 2,3,4,5,6,7,8				
24	DIODE, ZENER, 5.6V	1N752A	150302	1		VR1				
25	DIODE, ZENER, 5.1V	1N751A	150311	1		VR3				
26	DIODE, ZENER, 12V	1N759A	150313	1		VR2				
27										

CODE: D = DETAIL PART WITH NO M/L A = ASSEMBLY WITH M/L
R = REFERENCE DOCUMENT S = SHIP SEPARATE

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M/L NO. 200591-000	COMPILED BY:	DATE	CHECKED BY:	DATE	APPROVED BY:	DATE	RELEASE/CHANGE DATE
	NEXT ASSY.	1ST USED ON		DWG SIZE		SHEET <u>2</u> OF <u>3</u>	
ITEM NO.	DRAWING TITLE		DWG NO.	QTY	CODE	REMARKS	
28	CAPACITOR, MICA 100PF		150102-101	4		C2,6,8,9	
29	CAPACITOR, MYLAR .001UF		150101-102	1		C5	
30	CAPACIOTR, MYLAR .0015UF		150101-152	1		C3	
31	CAPACITOR, MYLAR .01UF		150101-103	1		C4	
32	CAPACITOR, CERAMIC .01UF		150103-103	2		C7,14	
33	CAPACITOR, TANTL, 10% 1UF		150100-105	5		C1,10,11,12,13	
34							
35	RESISTOR, VARIABLE 2K		150003-202	1		R12	
36							
37							
38	RESISTOR ½W., 5% 1K		150002-102	1		R28	
39							
40	RESISTOR, ¼W., 5% 330		150000-331	3		R3,24,25	
41	↑ ↑		750	↑	-751	1	R15
42	↑ ↑		1K	↑	-102	9	R2,4,5,6, 14,16
	↑ ↑						19,21,22
43	↑ ↑		1.5K		-152	1	R10
44	↑ ↑		3.3K		-332	1	R1
45	↑ ↑		3.9K		-392	2	R26,27
46	↑ ↑		3K		-302	1	R18
47	↑ ↑		5.1K		-512	1	R17
48	↑ ↑		4.7K		-472	1	R11
49	↑ ↑		10K		-103	2	R20,23
50	↑ ↑		15K		-153	1	R8
51	↓ ↓		22K	↓	-223	1	R7
52	RESISTOR, ¼W., 5% 240K		150000-244	1		R9	

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		ASSEMBLY, PCB PHASE LOCKED FM DATA SEPARATOR					200591-000		J		
		COMPILED BY:		DATE		CHECKED BY:		DATE		APPROVED BY: DATE	
		NEXT ASSY.		1ST USED ON			DWG SIZE		SHEET <u>3</u> OF <u>3</u>		
		ITEM NO.	DRAWING TITLE				DWG NO.	QTY	CODE	REMARKS	
53	RESISTOR, 1/4W, 5% 10				150000-100	1		R13			
54											
55											
56	HEADER, RIGHT ANGLE 10 PIN				100153-010	1		AMP 1-87230-5			
57											
58	PIN, MALE				100046	6		TP1 THRU TP6			
59											
60											
	SCHEMATIC				200592		R	REV G			
	ARTWORK				200589		R				

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