

LOW FREQUENCY SYNTHESIZER

MODEL LFSA-1

TITLE

MODEL
VLFC-1USED ON
SECTIONQTY
1

LIST SECTIONS

- 1.SUPPORTING NOTES
- 2.SUPPORTING LISTS
- 3.ELECTRICAL/MECHANICAL
- 4.SUPP ASSY/REF DWGS
- 5.SPECIFICATIONS
- 6.LOOSE ITEMS
- 7.PARTS PECULIAR

SHEET NO.

SEE BELOW
NONE
1-3
4
5
6
NONE

LAST SYMBOLS

AT451 J1
DS351-5 P352-4
W454
SEE SUPP LISTS

COMPILED A.KLEIN

CHECKED L.GABEL

APPROVED O.POSE

FNL APPR *L. Gabel*

ISS DATE 2-3-65

MISSING SYMBOLS

P351-1
SEE SUPP.LISTS

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

NOTE 2. A3304-4 TEST CARD ASSEMBLY TO BE SUPPLIED AS A LOOSE ITEM WHEN THE LFSA-1 IS SOLD AS A SINGLE UNIT.

NOTE 3. ALL ITEMS REFERENCED TO THIS NOTE SHALL BE OMITTED WHEN THIS UNIT IS USED AS PART OF A SYSTEM.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

A

MODEL:

LFSA-1

SHEET 1 OF 6

PART NO.	DESCRIPTION SUPPORTING LISTS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3544	LFSA-1 SUBASSY	A3545			1		
AX433	PWR SUPPLY	A3545			1		
AX470	GEN MODL,1-8-10MC	A3545			1		
AX471	SPECTRUM GEN MODL	A3545			1		
AX472	PLUS MIXER MODL	A3545			5		
AX473	1/10 MODL	A3545			4		
AX474	MINUS MIXER MODL	A3545			1		
AX475	PHASE DET MODL	A3545			1		
AX495	FIL ASSY,SPECTRUM	A3545			5		

**MATERIAL LIST /
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REV. **A**

MODEL: LFSA-1

SHEET 2 OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3304-1	PC BD,ETCH	A3304-2			1		
A3304-2	PC BD,MACH	A3304-3			1		
A3304-3	PC BD,MKG	A3304-4			1		
BI109-2	IND,DIG.DISPLAY	A3545			5	DS351-1 thru DS351-5	
BS100	SOLDER,TIN ALY	A3304-4					
DL100-16	DUMMY LOAD,ELEC	A3545			1	AT451	
FS109-3	RING,RETAINING	MS3402		6			
		MS3403		6	12		
FS110-1	STUD,TURNLOCK	MS3402		6			
		MS3403		6	12		
JJ293-15S	CONN,RECP,FML,PC	A3304-4			1	J1	NOTE 2
LWE04MRN	WASH.,LK,EXT	A3545			10		
LWE06MRN	WASH.,LK,EXT	A3545			5		
LWS06MRN	WASH.,LK,SPLIT	A3304-4			2		
MP123-6NB	KNOB	A3545			5		
MS3402	COV,BOT	A3545			1		
MS3403	COV, TOP	A3545			1		
NTH0632BN8	NUT,PLN,HEX	A3304-4		2			
		A3545		1	3		
		-					
		-					
		-					
		-					

**MATERIAL LIST /
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REV. A

MODEL: LFSA-1

SHEET 3 OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PL204	CONN, PL, RF, MIN	CA480-68		1		P351-2	W451
		CA480-68		1		P351-3	W452
		CA480-68		1		P351-4	W453
		CA480-68		1		P351-5	W454
		CA480-68		1		P352-1	W451
		CA480-68		1		P352-2	W452
		CA480-68		1		P352-3	W453
		CA480-68		1	8	P352-4	W454
RG174/U	CBL, RF	CA480-68		4X4	16		
SCBP0440BN6	SCR, MACH	A3545			10		
SCBP0632BN4	SCR, MACH	A3304-4			2		
SCBP0632BN5	SCR, MACH	A3545			5		
SCBP0632BN6	SCR, MACH	A3304-4			2		
TE167	BRKT, ANG, THD	A3304-4			2		

**MATERIAL LIST /
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REV.

A

MODEL:

LFS-1

SHEET 4 OF 6

PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3304-4	TEST CARD ASSY	A3545			1		NOTE 2
A3545	LFS-1 FNL ASSY	LFS-1			1		
CA480-68-3.500	CBL ASSY,RF	A3545			4	W451,452,453,454	
CH335	CHART,UNIT BKDN	LFS-1			1		
CK778	DIAG,SCHEM	LFS-1			1		
CK783	DIAG, BLOCK-SIG	LFS-1			1		

**MATERIAL LIST /
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A

MODEL:

LFSA-1

SHEET

5

OF 6

PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S404	IRIDITE, YEL	MS 3402 MS 3403					
S887	TEST PROC	LFSA-1					

**MATERIAL LIST /
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REV. A

MODEL: LFSA-1

SHEET 6 OF 6

PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
IN	INST MAN.	LFSA-1			2		
MS3057-6	CLP ,CBL ,EL CONN	LFSA-1			2		NOTE 3
MS3106A14S1S	CONN ,PL ,FML	LFSA-1			1		NOTE 3
MS3106A14S2S	CONN ,PL ,FML	LFSA-1			1		NOTE 3
MS3420-4A	BUSH. ,RUB.	LFSA-1			2		NOTE 3
MS3420-6A	BUSH. ,RUB.	LFSA-1			2		NOTE 3
TM105-2AR	TERM. BD -FNG	LFSA-1			1		NOTE 3
TP119	ALIGN. TOOL	LFSA-1			1		NOTE 3
TP126	ALIGN. TOOL	LFSA-1			1		NOTE 3
TP127	ALIGN. TOOL	LFSA-1			1		NOTE 3
UG88*/U	CONN ,PLUG -BNC	LFSA-1			5		NOTE 3

