

TOTAL SHEETS 7

REV. Ø Jan. 24/68

A Feb 6/68

B DEC 5/73

MODEL

A-10669-5

A-10669-6

TITLE

A-10669-5 PC BD ASSY, IF (SSB)

A-10669-6 PC BD ASSY, IF (AM)

USED ON

MODEL

STR-5

SMR-5

SECTION

QTY.

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

COMPILED  
CHECKED  
APPROVED  
FNL APPR  
ISS DATE

DKJ

- NOTE: a) For A-10669-5 PC BD ASSY, IF, (SSB)  
Use sheets 1, 2, 3 & 7
- b) For A-10669-6 PC BD ASSY, IF (AM)  
Use sheets 4, 5, 6 & 7
- c) LSB filter FX10014-1D and USB filter FX10014-2D are optional and have not been included on A-10669-5 PC BD ASSY, IF (SSB)

**MATERIAL LIST/NUMERICAL PARTS LIST**

24/1/68

TOTAL SHEET 1 OF 7

REV  $\emptyset$  A

USED ON MODEL: STR-5, SMR-5

USED ON SECTION:

ASSY SHEET 1 OF 3

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC: PC BD, ASSY, IF, SSB

ASSY PART NO: A-10669-5

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A-10669-1	PC BD, ETCH	A-10669-2			1		
A-10669-2	PC BD, MACH	A-10669-3			1		
A-10669-3	PC BD, MKG	A-10669-4			1		
A-10669-4	PC BD, SUB ASSY	A-10669-5			1		
CA10506-2	CBL ASSY, RF	A-10669-5			1		
CK10541	DIAG, SCHEM	A-10669-5			1		
CC10011-1	CAP., FXD, CER	A-10669-5			2	C25, 32	
CC10011-5	CAP., FXD, CER	A-10669-5			5	C2, 3, 4, 5, 6,	
					5	C7, 8, 9, 12, 13,	
					4	C14, 15, 16, 17,	
					4	C18, 19, 20, 23,	
					4	C24, 26, 28, 30,	
					3	35, 36, 37	
CC10011-8	CAP., FXD, CER	A-10669-5			2	C1, 39	
CC10011-10	CAP., FXD, CER	A-10669-5			3	C29, 31, 42	
CE105-1-15	CAP., FXD, ELECT	A-10669-5			4	C11, 33, 38, 40	
CE105-30-15	CAP., FXD, ELECT	A-10669-5			1	C34	
CL275-100	COIL, RF, FXD	A-10669-5			1	L6	
CL275-102	COIL, RF, FXD	A-10669-5			3	L1, 2, 4	
CL275-221	COIL, RF, FXD	A-10669-5			2	L3, 5	
CM111E181JLS	CAP., FXD, MICA	A-10669-5			2	C10, 21	

MATERIAL LIST/NUMERICAL PARTS LIST

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TOTAL SHEET 2 OF 7

REV  $\emptyset$  A USED ON MODEL: STR-5, SMR-5 USED ON SECTION: ASSY SHEET 2 OF 3

NEXT ASSY: QTY PER NEXT ASSY: ASSY LEVEL: ASSY DESC: PC BD, ASSY, IF, SSB ASSY PART NO: A-10669-5

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
JJ10006-1	RECP, PIN	A-10669-5			4		
MPF105	TRANSISTOR	A-10669-5			2	Q1, 3	
NW-CA3020	INTEGRATED, CKT	A-10669-5			1	U4	
NW-CA3028	INTEGRATED, CKT	A-10669-5			1	U5	
NW-MC1550	INTEGRATED, CKT	A-10669-5			3	U1, 2, 3	
PN10002-1	PIN, GUIDE	A-10669-4			2		
PO10013-1	CONTACT	A-10669-4			4		
RCO7GF101J	RES, FXD, COMP	A-10669-5			2	R4, 29	
RCO7GF105J	RES, FXD, COMP	A-10669-5			2	R22, 30	
RCO7GF120J	RES, FXD, COMP	A-10669-5			1	R10	
RCO7GF180J	RES, FXD, COMP	A-10669-5			1	R28	
RCO7GF182J	RES, FXD, COMP	A-10669-5			1	R12	
RCO7GF222J	RES, FXD, COMP	A-10669-5			1	R24	
RCO7GF272J	RES, FXD, COMP	A-10669-5			1	R27	
RCO7GF330J	RES, FXD, COMP	A-10669-5			1	R6	
RCO7GF332J	RES, FXD, COMP	A-10669-5			3	R1, 25, 26	
RCO7GF391J	RES, FXD, COMP	A-10669-5			1	R2	

**MATERIAL LIST/NUMERICAL PARTS LIST**

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TOTAL SHEET 3 OF 7

REV  $\emptyset$  A USED ON MODEL: STR-5, SMR-5 USED ON SECTION: ASSY SHEET 3 OF 3

NEXT ASSY: QTY PER NEXT ASSY: ASSY LEVEL: ASSY DESC: PC BD, ASSY, IF, SSB ASSY PART NO: A-10669-5

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
RCO7GF471J	RES, FXD, COMP	A-10669-5			1	R8	
RCO7GF472J	RES, FXD, COMP	A-10669-5			2	R19, 20	
RCO7GF511J	RES, FXD, COMP	A-10669-5			2	R3, 21	
RCO7GF514J	RES, FXD, COMP	A-10669-5			1	R16	
RCO7GF562J	RES, FXD, COMP	A-10669-5			3	R5, 7, 23	
RCO7GF680J	RES, FXD, COMP	A-10669-5			1	R9	
RC20GF820J	RES, FXD, COMP	A-10669-5			1	R15	
RV111U502A	RES, VAR-COMP	A-10669-5			1	R18	
S10156	TEST PROC	A-10669-5			1		
TF10040	XFMR, AF	A-10669-5			1	T4	
TT10004	XFMR, RF	A-10669-5			2	T2, 3	
TZ10002	XFMR, RF, FXD	A-10669-5			1	T1	
WL100-8	WIRE, ELEC, BUSS	A-10669-5			X		
1N34A	SCOND DEV DIO	A-10669-5			3	CR3, 4, 5	
1N753A	SCOND DEV DIO	A-10669-5			2	CR1, 2	
2N3906	TRANSISTOR	A-10669-5			1	Q2	

MATERIAL LIST/NUMERICAL PARTS LIST

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TOTAL SHEET 4 OF 7

LIST SECTION

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A-10669-1	PC BD, ETCH	A-10669-2			1		
A-10669-2	PC BD, MACH	A-10669-3			1		
A-10669-3	PC BD, MKG	A-10669-4			1		
A-10669-4	PC BD, SUB ASSY	A-10669-6			1		
CA10506-2	CBL ASSY, RF	A-10669-6			1		
CK10542	DIAG, SCHEM	A-10669-6			1		
CC10011-1	CAP., FXD, CER	A-10669-6			2	C41, 32	
CC10011-5	CAP., FXD, CER	A-10669-6			5	C2, 3, 4, 5, 6	
					5	C7, 8, 9, 13, 14	
					5	C15, 16, 17, 18, 19	
					5	C22, 27, 28, 30, 35	
					2	C36, 37	
CC10011-8	CAP., FXD, CER	A-10669-6			2	C1, 39	
CC10011-10	CAP., FXD, CER	A-10669-6			1	C31	
CE105-1-15	CAP., FXD, ELECT	A-10669-6			4	C11, 33, 38, 40	
CE105-30-15	CAP., FXD, ELECT	A-10669-6			1	C34	
CL275-102	COIL, RF, FXD	A-10669-6			3	L1, 2, 4	
CL275-221	COIL, RF, FXD	A-10669-6			2	L3, 5	
CM111E181J1S	CAP., FXD, MICA	A-10669-6			2	C10, 21	
FX10019-1	FIL, AM, 4P, SUPPLIED	A-10669-6			1	FL1	
	AS STD						

MATERIAL LIST/NUMERICAL PARTS LIST

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TOTAL SHEET 5 OF 7

REV  $\emptyset$  A

USED ON MODEL: STR-5, SMR-5

USED ON SECTION:

ASSY SHEET 2 OF 3

NEXT ASSY:

QTY PER NEXT ASSY:

ASSY LEVEL:

ASSY DESC: PC BD, ASSY, IF, AM

ASSY PART NO: A-10669-6

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
JJ10006-1	RECP, PIN	A-10669-6			4		
MPF105	TRANSISTOR	A-10669-6			2	C1, 3	
NW-CA3020	INTEGRATED CKT	A-10669-6			1	U4	
NW-CA3028	INTEGRATED CKT	A-10669-6			1	U5	
NW-MC1550	INTEGRATED CKT	A-10669-6			2	U1, 2	
PN10002-1	PIN, GUIDE	A-10669-4			2		
PO10013-1	CONTACT	A-10669-4			4		
RC07GF101J	RES, FXD, COMP	A-10669-6			2	R4, 29	
RC07GF152J	RES, FXD, COMP	A-10669-6			1	R13	
RC07GF180J	RES, FXD, COMP	A-10669-6			1	R28	
RC07GF222J	RES, FXD, COMP	A-10669-6			1	R24	
RC07GF272J	RES, FXD, COMP	A-10669-6			1	R27	
RC07GF330J	RES, FXD, COMP	A-10669-6			1	R6	
RC07GF332J	RES, FXD, COMP	A-10669-6			3	R1, 25, 26	
RC07GF391J	RES, FXD, COMP	A-10669-6			1	R2	
RC07GF471J	RES, FXD, COMP	A-10669-6			1	R8	
RC07GF472J	RES, FXD, COMP	A-10669-6			2	R19, 20	
RC07GF473J	RES, FXD, COMP	A-10669-6			1	R22	
RC07GF511J	RES, FXD, COMP	A-10669-6			2	R3, 21	
RC07GF514J	RES, FXD, COMP	A-10669-6			1	R16	
RC07GF560J	RES, FXD, COMP	A-10669-6			1	R14	
RC07GF562J	RES, FXD, COMP	A-10669-6			1	R23	
RC20GF820J	RES, FXD, COMP	A-10669-6			1	R15	
RC07GF822J	RES, FXD, COMP	A-10669-6			2	R5, 7	







## Item Material Listing

Item/Part Number	Rev	Description	Qty	Notes
A10669-5		Printed Circuit Board		
1N34A		Diode, Germanium	3EA	
1N753A		Diode	2EA	
2N3906		Transistor, Silicon, PNP	1EA	
A10669-1		Printed Circuit Board, ETCH	1EA	
A10669-2		Printed Circuit Board, MACH	1EA	
A10669-3		Printed Circuit Board, MKG	1EA	
A10669-4		Printed Circuit Board, Sub Assy	1EA	
CA10506-2		Cable Assembly, RF	1EA	
CC10011-10		Capacitor, Fixed, Ceramic	3EA	
CC10011-1		Capacitor, Fixed, Ceramic	2EA	
CC10011-5		Capacitor, Fixed, Ceramic	25EA	
CC10011-8		Capacitor, Fixed, Ceramic	2EA	
CE105-1-15		Capacitor, Electrolytic	4EA	
CE105-30-15		Capacitor, Electrolytic	1EA	
CK10541		Schematic, Diagram	1EA	
CL275-221		Coil, Fixed RF	2EA	
CL275-100		Coil, RF, Fixed	1EA	
CL275-102		Coil, RF, Fixed	3EA	
CM111E181J1S		Capacitor, Fixed, Mica	2EA	
JJ10006-1		Connector, Receptacle, Elect	4EA	
MPF105		Transistor	2EA	
NW*3020		Network, Integrated Circuit	1EA	
NW*CA3028		Network, Integrated Circuit	1EA	
NW*MC1550		Network, Integrated Circuit	3EA	

## Item Material Listing

Item/Part Number	Rev	Description	Qty	Notes
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A10669-5		Printed Circuit Board		
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PN10002-1		Pin, Spring	2EA	
PO10013-1		Contact	4EA	
RC07GF101J		Resistor, Fixed, Composition	2EA	
RC07GF105J		Resistor, Fixed, Composition	2EA	
RC07GF120J		Resistor, Fixed, Composition	1EA	
RC07GF180J		Resistor, Fixed, Composition	1EA	
RC07GF182J		Resistor, Fixed, Composition	1EA	
RC07GF222J		Resistor, Fixed, Composition	1EA	
RC07GF272J		Resistor, Fixed, Composition	1EA	
RC07GF330J		Resistor, Fixed, Composition	1EA	
RC07GF332J		Resistor, Fixed, Composition	3EA	
RC07GF391J		Resistor, Fixed, Composition	1EA	
RC07GF471J		Resistor, Fixed, Composition	1EA	
RC07GF472J		Resistor, Fixed, Composition	2EA	
RC07GF511J		Resistor, Fixed, Composition	2EA	
RC07GF514J		Resistor, Fixed, Composition	1EA	
RC07GF562J		Resistor, Fixed, Composition	3EA	
RC07GF680J		Resistor, Fixed, Composition	1EA	
RC20GF820J		Resistor, Fixed, Composition	1EA	
RV111U502A		Resistor, Variable, Non-W/W	1EA	
S10156		Test Procedures	1EA	
TF10040		Transformer	1EA	
TT10004		Transformer, RF	2EA	
TZ10002		Transformer, RF, Fixed	1EA	

Item Materiel Listing

Item/Part Number	Rev	Description	Qty	Notes
A10669-5		Printed Circuit Board		

WL100-8

Wire, Buss-Bar Tinned

1X