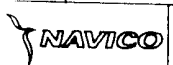


NOT FITTED: R23, R24, R25, R26, C20, C21, C215, C216, C228, C231
 L18, 016 (R228), J1 (R228), J2 (R228)

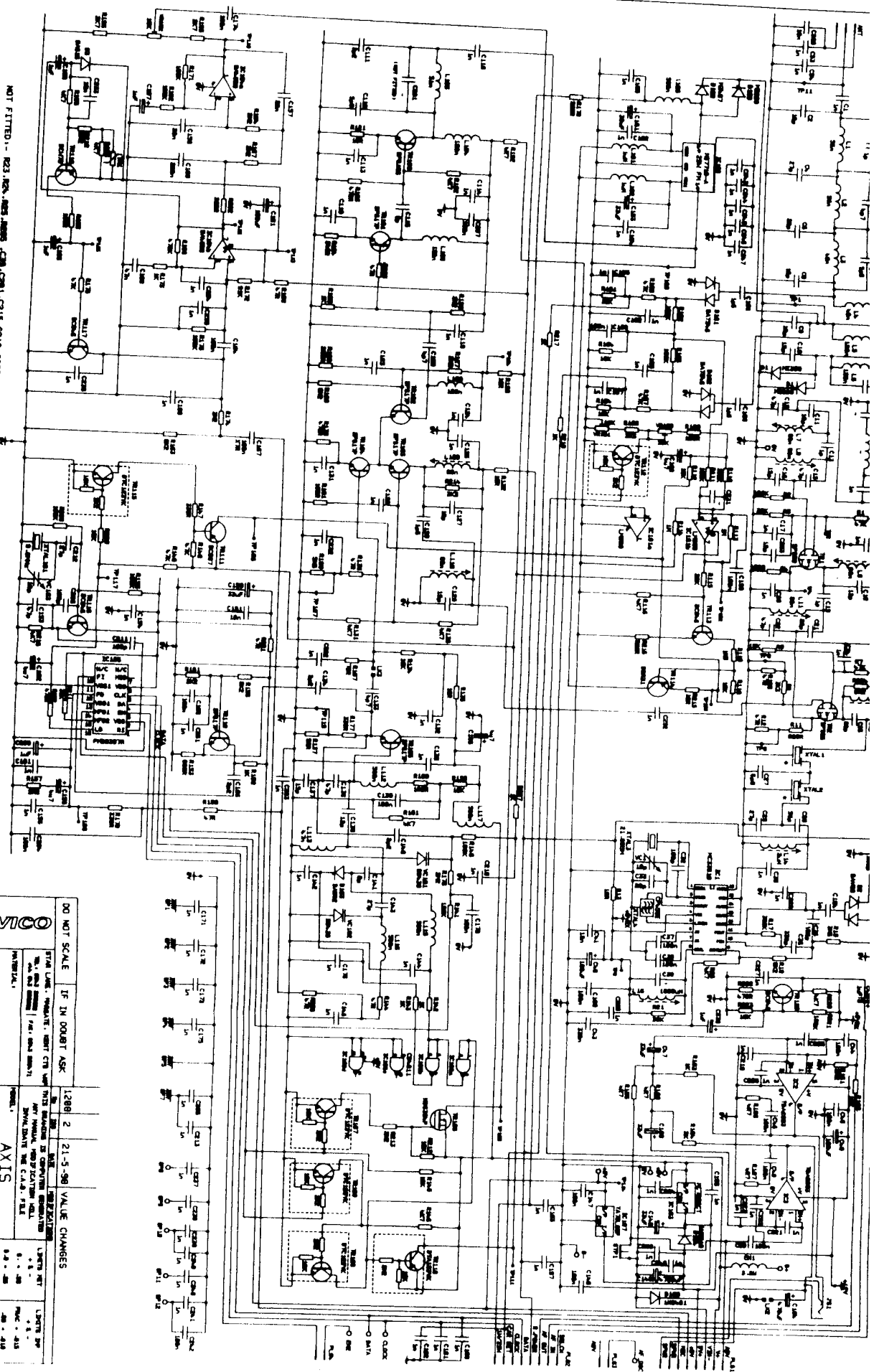
DESIGNED BY: R.F.
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]



DATE: 21-5-98
 SCALE: 1:1

DO NOT SCALE IF IN DOUBT ASK
 TITLE: RX/TX PCB
 PART: RT12/1400
 CIRCUT DIAGRAM

1288 2 21-5-98 VALUE CHANGES
 E02955 2



ITEM	QTY	PART NO.	COMP REF	DESCRIPTION
50	1	110115	TH	3K MTC THERMISTOR
51	3	110115	ONE ONE C181	100K 5% ELECT
52	1	110115	C181	100K 5% ELECT
53	1	110115	C181	100K 5% ELECT
54	1	110115	C181	100K 5% ELECT
55	1	110115	C181	100K 5% ELECT
56	1	110115	C181	100K 5% ELECT
57	1	110115	C181	100K 5% ELECT
58	1	110115	C181	100K 5% ELECT
59	1	110115	C181	100K 5% ELECT
60	1	110115	C181	100K 5% ELECT
61	1	110115	C181	100K 5% ELECT
62	1	110115	C181	100K 5% ELECT
63	1	110115	C181	100K 5% ELECT
64	1	110115	C181	100K 5% ELECT
65	1	110115	C181	100K 5% ELECT
66	1	110115	C181	100K 5% ELECT
67	1	110115	C181	100K 5% ELECT
68	1	110115	C181	100K 5% ELECT
69	1	110115	C181	100K 5% ELECT
70	1	110115	C181	100K 5% ELECT
71	1	110115	C181	100K 5% ELECT
72	1	110115	C181	100K 5% ELECT
73	1	110115	C181	100K 5% ELECT
74	1	110115	C181	100K 5% ELECT
75	1	110115	C181	100K 5% ELECT
76	1	110115	C181	100K 5% ELECT
77	1	110115	C181	100K 5% ELECT
78	1	110115	C181	100K 5% ELECT
79	1	110115	C181	100K 5% ELECT
80	1	110115	C181	100K 5% ELECT
81	1	110115	C181	100K 5% ELECT
82	1	110115	C181	100K 5% ELECT
83	1	110115	C181	100K 5% ELECT
84	1	110115	C181	100K 5% ELECT
85	1	110115	C181	100K 5% ELECT
86	1	110115	C181	100K 5% ELECT
87	1	110115	C181	100K 5% ELECT
88	1	110115	C181	100K 5% ELECT
89	1	110115	C181	100K 5% ELECT
90	1	110115	C181	100K 5% ELECT
91	1	110115	C181	100K 5% ELECT
92	1	110115	C181	100K 5% ELECT
93	1	110115	C181	100K 5% ELECT
94	1	110115	C181	100K 5% ELECT
95	1	110115	C181	100K 5% ELECT
96	1	110115	C181	100K 5% ELECT
97	1	110115	C181	100K 5% ELECT
98	1	110115	C181	100K 5% ELECT
99	1	110115	C181	100K 5% ELECT
100	1	110115	C181	100K 5% ELECT

DO NOT SCALE IF IN DOUBT ASK

DATE: 26-5-98

SCALE:

TITLE: RX/TX PCB ASSEMBLY DETAIL

AXIS RT1200

DATE: 26-5-98

VALUE: 1218 3

DATE: 26-5-98

VALUE: 1218 3

DATE: 26-5-98

VALUE: 1218 3

DO NOT SCALE IF IN DOUBT ASK

DATE: 26-5-98

SCALE:

TITLE: RX/TX PCB ASSEMBLY DETAIL

AXIS RT1200

DATE: 26-5-98

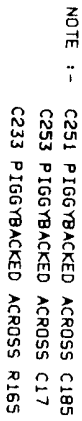
VALUE: 1218 3

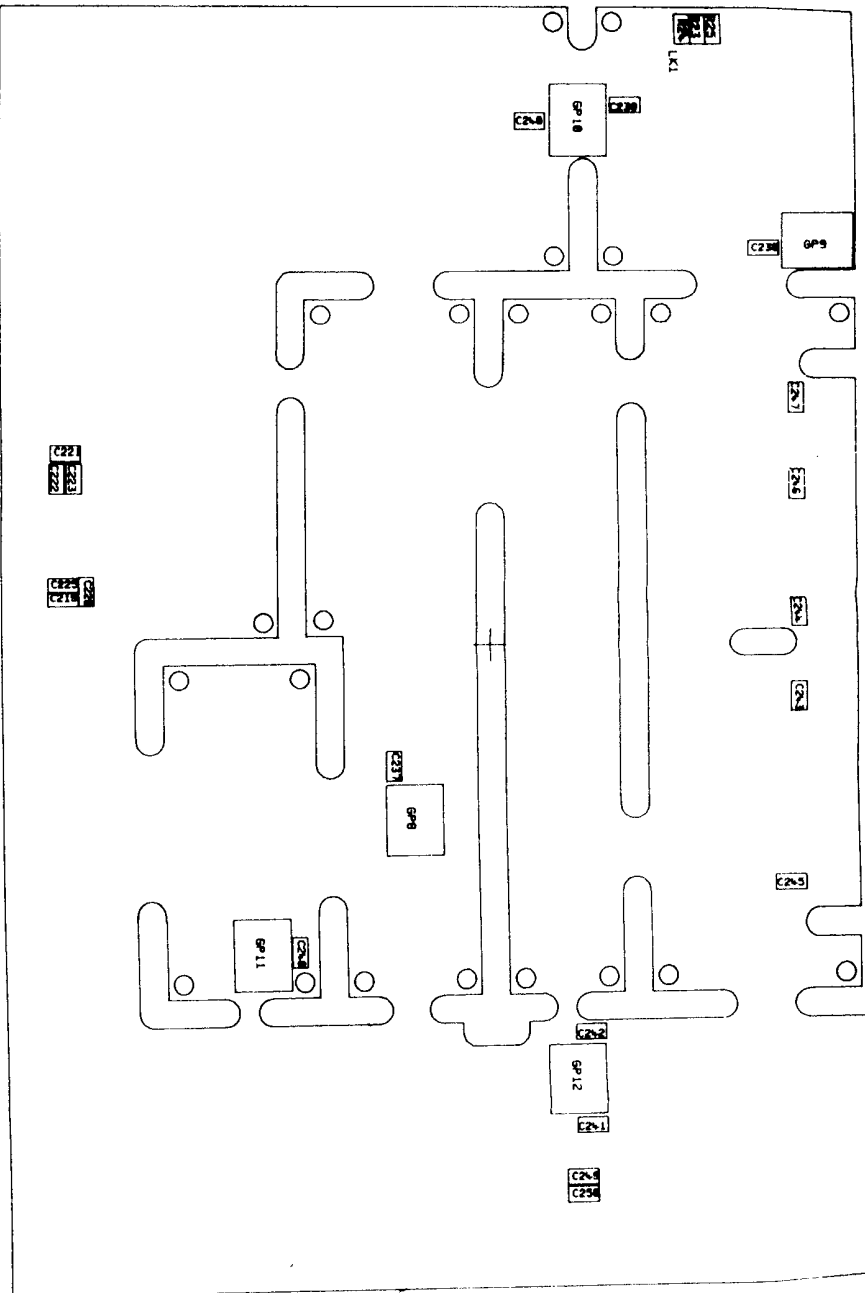
DATE: 26-5-98

VALUE: 1218 3

DATE: 26-5-98

VALUE: 1218 3

[illegible]



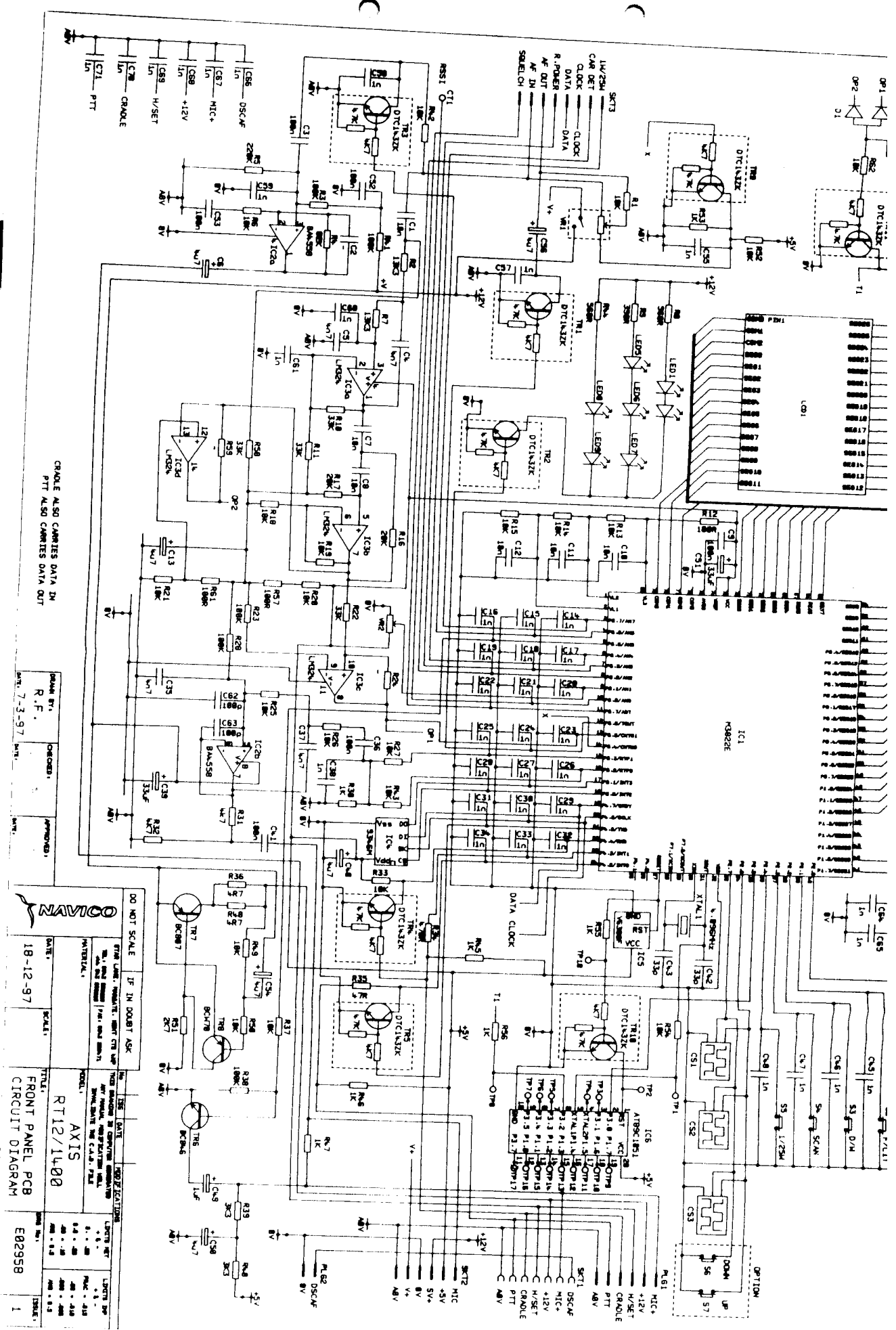
SURFACE MOUNT COMPONENTS

ITEM	QTY	PART NO.	COMP REF	DESCRIPTION
1	19	110115	C219,C221,C222,C223,C225,C226,C237 C238,C239,C240,C241,C243,C244,C245 C246,C247,C248,C249,C250	0805 1n
2	1	110128	C242	0805 100n

R23,R24,R25 NOT FITTED

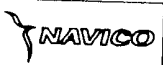
DRAMA BY:	CHECKED:	APPROVED:
R.F.		
DATE: 6-4-98	DATE:	DATE:

DO NOT SCALE IF IN DOUBT ASK		1218 2 25-5-98 C243,C229 ADDED	
DATE: 6-4-98		SCALE: 1:1	
TITLE: RX/TX PCB REAR ASSEMBLY DETAIL		DATE: 6-4-98	
DRAWN BY: R.F.		CHECKED BY: R.F.	
APPROVED BY: R.F.		DATE: 6-4-98	
PARTIAL: 1		SCALE: 1:1	
AXIS		RT12/1400	
E02957		SHR 3 OF 3	
2		2	



CHARGE ALSO CARRIES DATA IN
PTT ALSO CARRIES DATA OUT

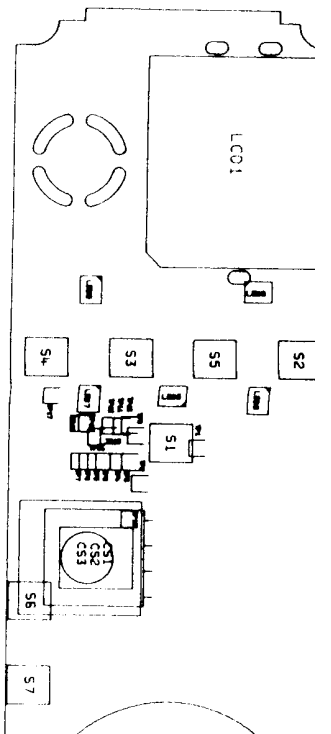
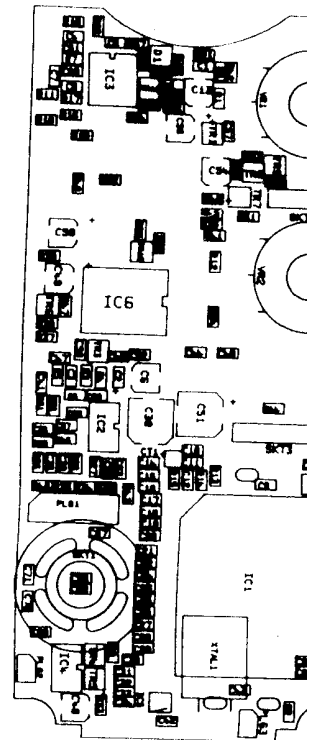
DESIGNED BY: R.F. CHICAGO, ILL.
DATE: 7-3-97



18-12-97

AXIS
RT12/1400

FRONT PANEL PCB
CIRCUIT DIAGRAM
E02958
1



SURFACE MOUNT COMPONENTS

ADDITIONAL COMPONENTS ATIS OPTION (SM)

ITEM	QTY	PART NO.	COMP REF	DESCRIPTION
1	1	E02959	-	PCB DRILLED
2	1	100161	R3, R20, R38, R41	0805 100K
3	1	100167	R45, R46, R47, R53	0805 1K
4	1	100172	R51	0805 2K7
5	1	100175	R34	0805 470R
6	1	100177	R39, R48	0805 3K3
7	2	100180	R8, R44	0805 560R
8	3	100186	R12, R57, R61	0805 100R
9	13	100190	R1, R6, R13, R14, R15, R20, R21, R33, R37, R42, R49, R50, R52, R5	0805 10K
10	1	100195	R35	0805 47R
11	1	100208	R9	0805 330R
12	1	100213	R4, R5	0805 220K
13	2	100231	R36, R48	0805 4R7
14	2	100282	R4	0805 82K
15	1	100282	R4	33UF 25V SM ELECT
16	38	110115	C39, C51	0805 1n
17	2	110118	C14, C15, C16, C17, C18, C19, C20	
18	3	110128	C21, C22, C23, C24, C25, C26, C27	
19	3	110138	C28, C29, C30, C31, C32, C33, C34	
20	2	110159	C44, C45, C46, C47, C48, C55, C57	
21	1	110168	C58, C59, C64, C65, C66, C67, C68	
22	6	120058	C69, C70, C71	
23	5	120058	C62, C63	0805 180P
24	5	130028	C3, C9, C52, C53	0805 180n
25	1	130028	C10, C11, C12	0805 18n
26	1	130028	C42, C43	0805 33P
27	1	130028	C49	LUF 50V SM ELECT
28	6	130028	C6, C13, C40, C50, C54, C56	LUF 25V SM ELECT
29	1	130028	LED5, LED6, LED7, LED8, LED9	HSMG-1600
30	1	130028	TR6	BC846B
31	1	130028	TR7	BC807
32	1	130028	TR1, TR2, TR3, TR4, TR5, TR9	BC807
33	1	130028	IC4	DT1C13ZK
34	1	130028	IC5	NMC9346 EPROM
35	1	130028	IC6	V6380F
36	1	130028	IC7	BA4558
37	1	130028	IC8	140157 Programmed
38	1	130028	IC9	SM-SWITCH

ITEM	QTY	PART NO.	COMP REF	DESCRIPTION
34	1	100161	R23	0805 100K
35	3	100167	R30, R55, R56	0805 1K
36	3	100188	R31, R32, R63	0805 1K7
37	9	100190	R18, R19, R25, R26, R27, R43	0805 10K
38	2	100210	R54, R60, R62	0805 20K
39	3	100267	R16, R17	0805 13K3
40	4	100275	R2, R7	0805 33K
41	3	110115	R10, R11, R22, R58	0805 10n
42	3	110128	C38, C60, C61	0805 10n
43	4	110138	C1, C7, C8	0805 4n7
44	1	110177	C4, C5, C35, C37	0805 4n7
45	1	120081	D1	DT1C13ZK
46	2	130057	TR10, TR11	LM324
47	1	140071	IC3	140158 Programmed
48	1	E03399	IC6	

PLG1, R24, R59, C2, S6 & S7 NOT FITTED

DRAWN BY: R.F.		CHECKED: DATE: 7-3-97	APPROVED: DATE:
DATE: 19-12-97		DATE:	
TITLE: FRONT PANEL PCB ASSEMBLY DETAIL MODEL: RT1200/1400 DATE: 19-12-97		DATE: 19-12-97 SCALE: 1:1 ISSUE: 1	