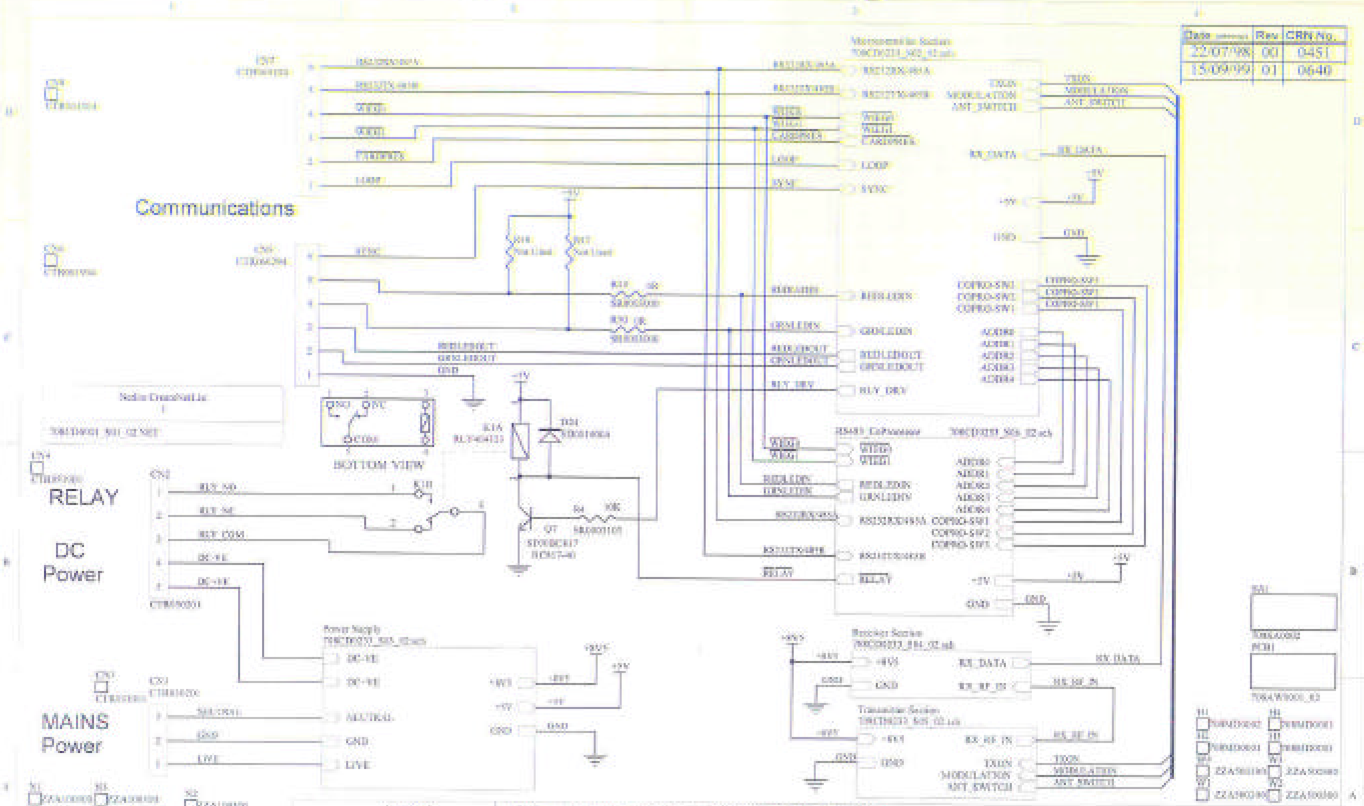
Date	Rev	CRN No.
22/07/98	00	0451
15/09/99	01	0640



Approvals		Date
Checked		12/10/99
Approved		17.10.1999

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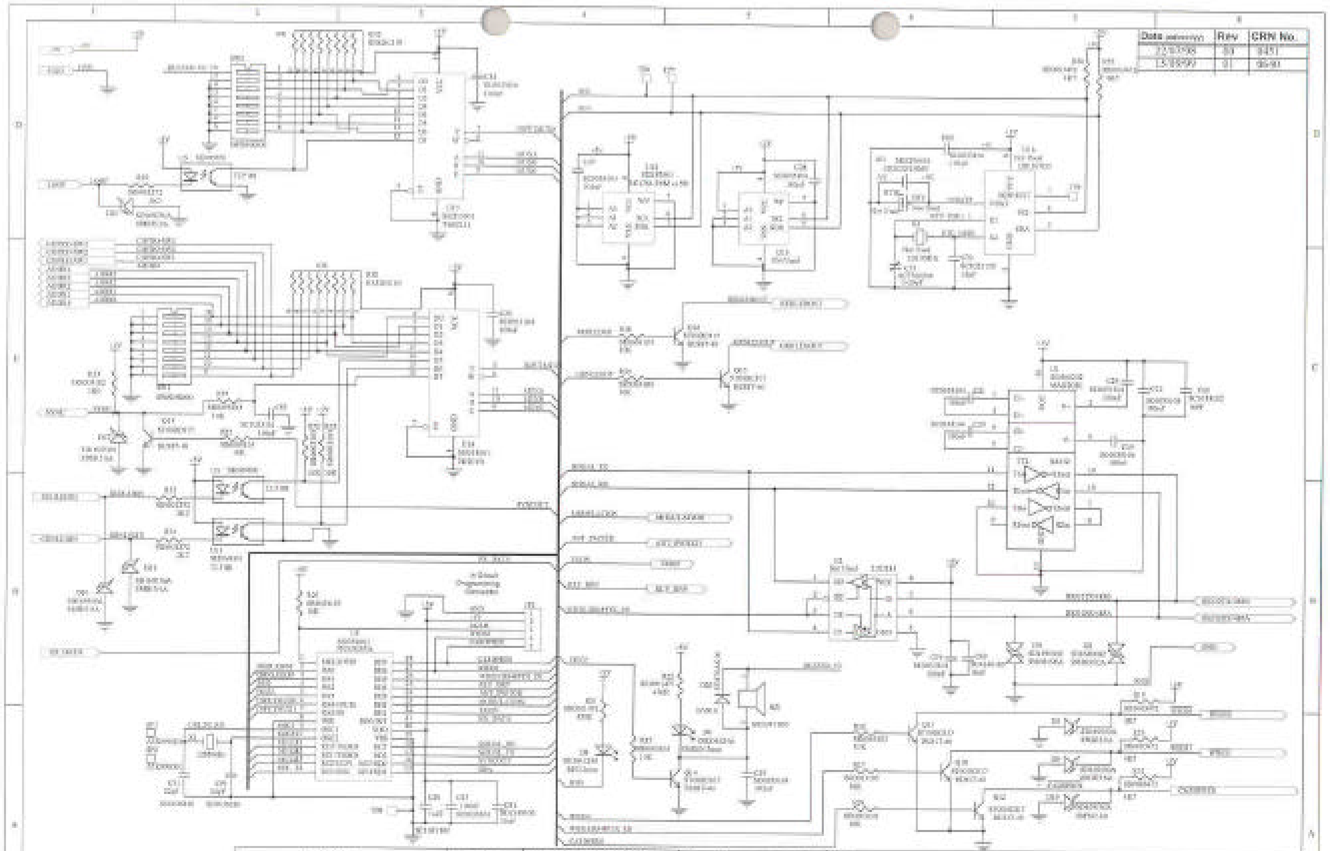
Phone (+27-33) 3453 456

Title
Autotag Base-Station Master Schematic

Size A4 | Drawn by: Luke Grose / M. Maggs | Number: 708CD0233 | Revision 02

Sheet 1 of 6



Date (dd/mm/yy)	Rev	CRN No.
22/03/98	00	8451
15/09/99	01	08-80

Approvals		Date
Checked	M Maggs	02.10.99
Approved		22.10.1999

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Title
Autotag Base-Station Microcontroller Section

Size A3 | Drawn by Luke Grove / M. Maggs | Number 70KCD0213 | Revision 02

Sheet 1 of 4

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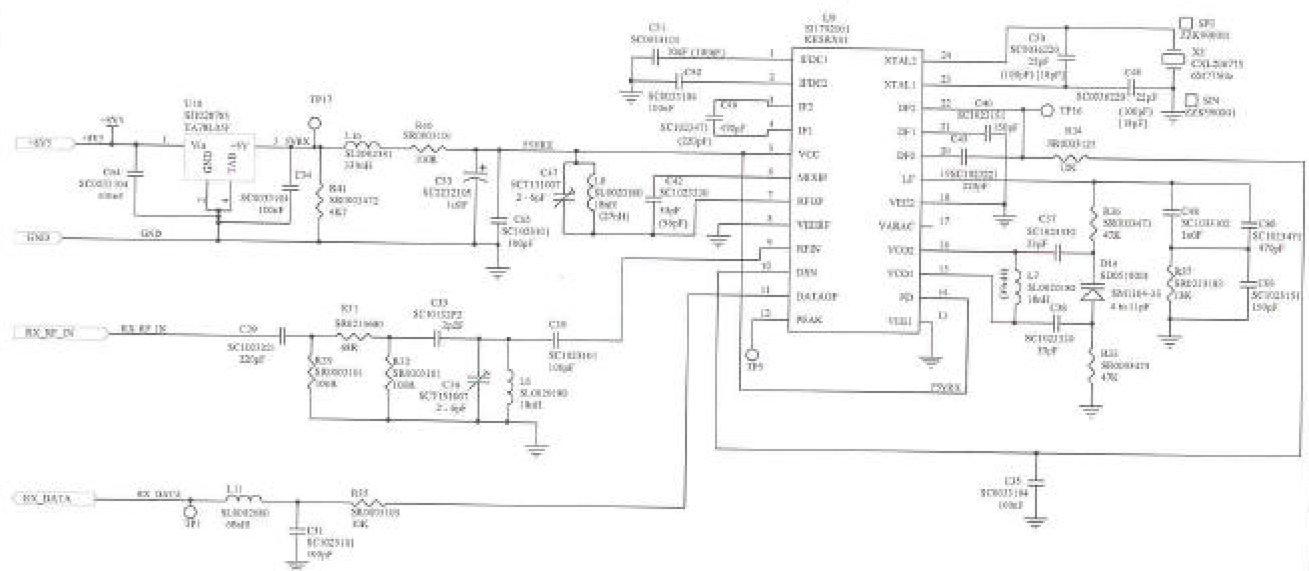
Date	Rev	CRN No.
22/07/98	00	0451
15/09/99	01	0640

VALUES IN ( ) ARE THE VALUES FROM MITEL's DATA SHEET
VALUES IN [ ] ARE THE VALUES FROM MITEL's REFRENCE DESIGN



CONFIDENTIAL

Approvals		Date
Checked:		22.10.99
Approved:		22.10.1999

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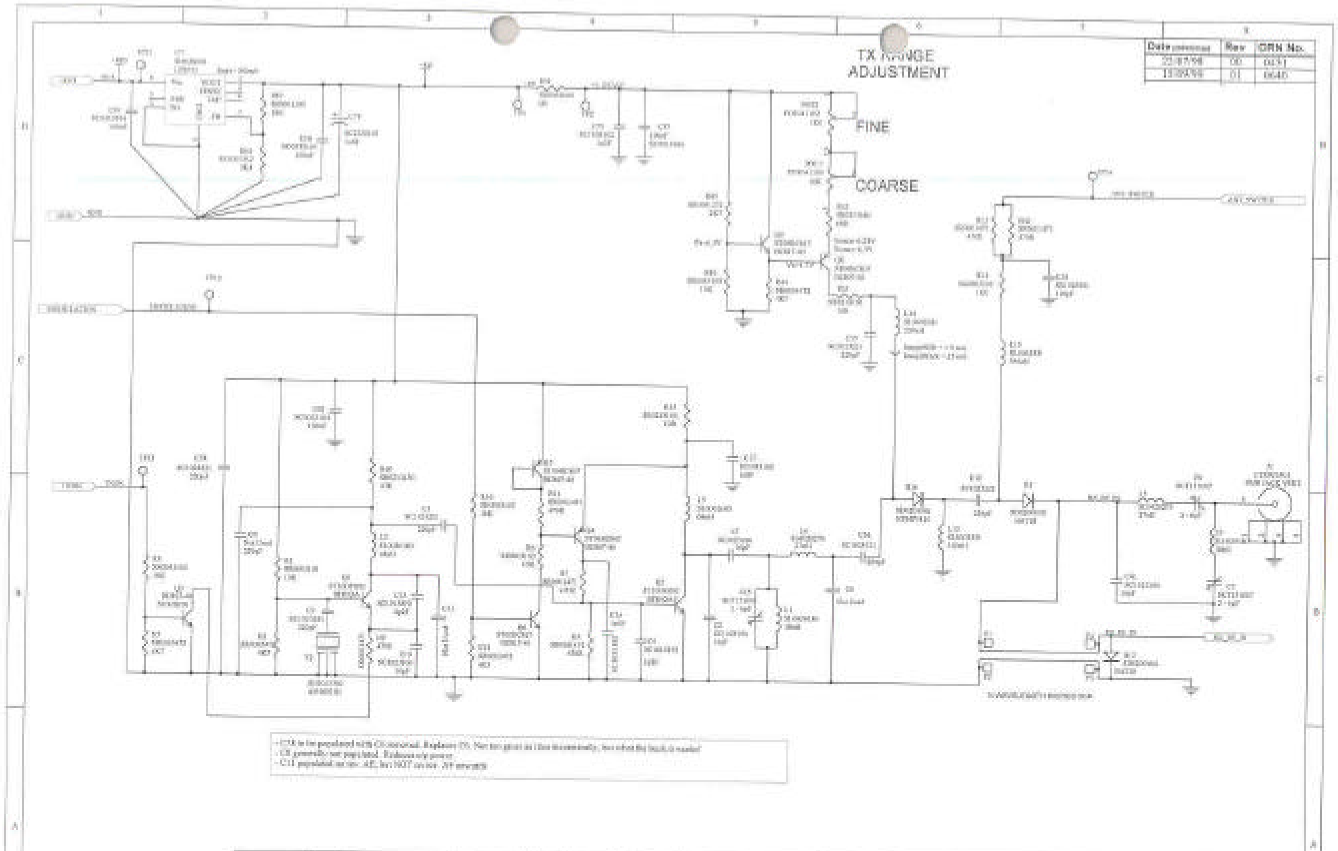
Title
Autotag Base-Station Receiver Section

Size: A4 Drawn by: Luke Grove / M. Maggs Number: 700CID0233 Revision: 02

Sheet 4 of 6



- C?? to be populated with C? removed. [illegible]
- C8 generally not populated. Enhances o/p power.
- C11 populated on rev. AE, but NOT on rev. A9 onwards

Date	Rev	DRN No.
22/07/98	00	0451
15/09/99	01	0640

CONFIDENTIAL

Approvals		Date
Checked	PVT Magga	22.10.99
Approved	Bwelye	22.10.1999

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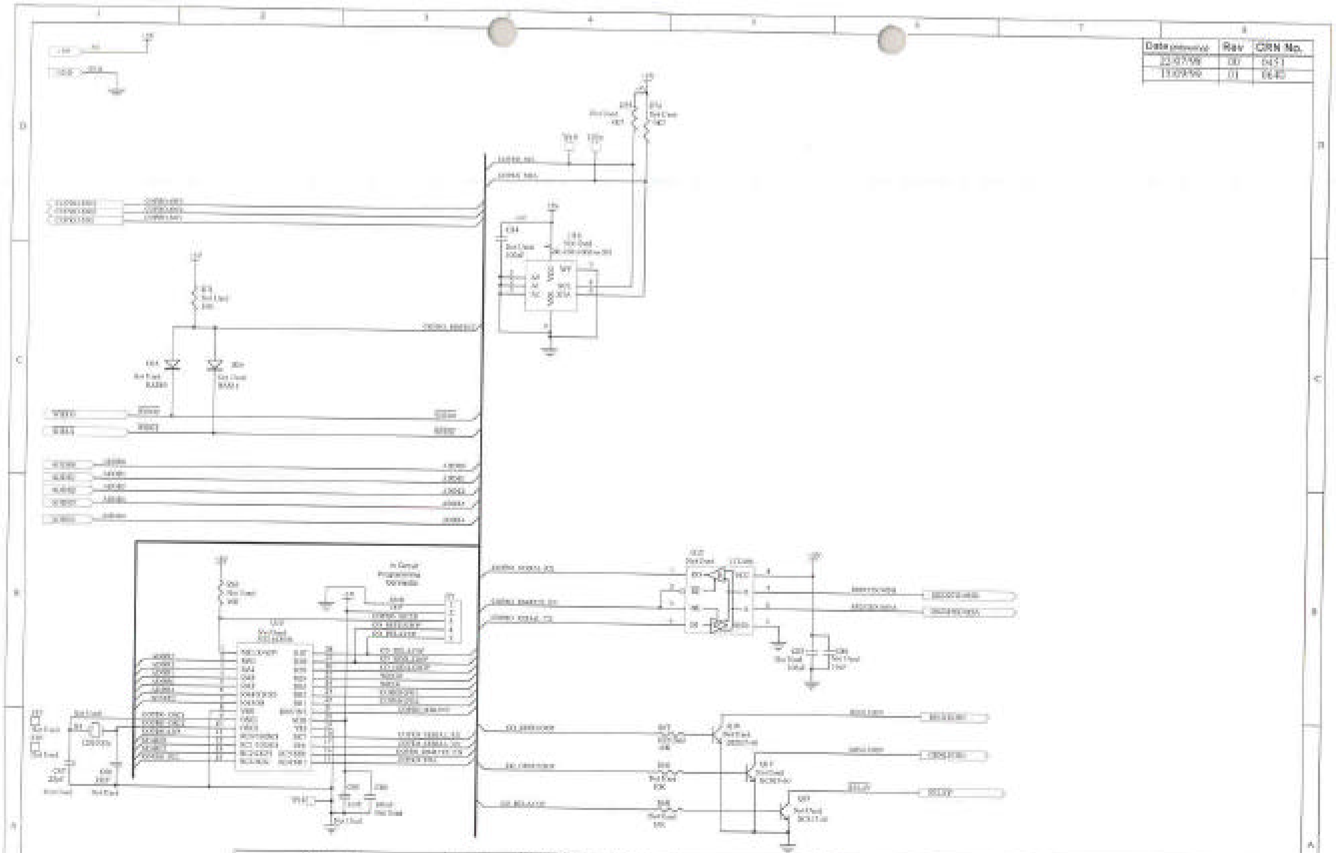
Title: **Autotag Base-Station Transmitter Section**

Size: A3
Drawn by: Luke Grove / M. Magga
Number: T98C0023?
Revision: 02
File: C:\Data\T98C0023_S04_01.DDB - T98C0023_S05_03
Date: 16-Nov-1999
Time: 11:44:12
Sheet 3 of 6

Date (dd/mm/yy)	Rev	CRN No.
22/07/98	00	0453
13/09/99	01	0640



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Approvals		Date
Checked	M.T.Maggs	22.10.99
Approved		22.10.1999

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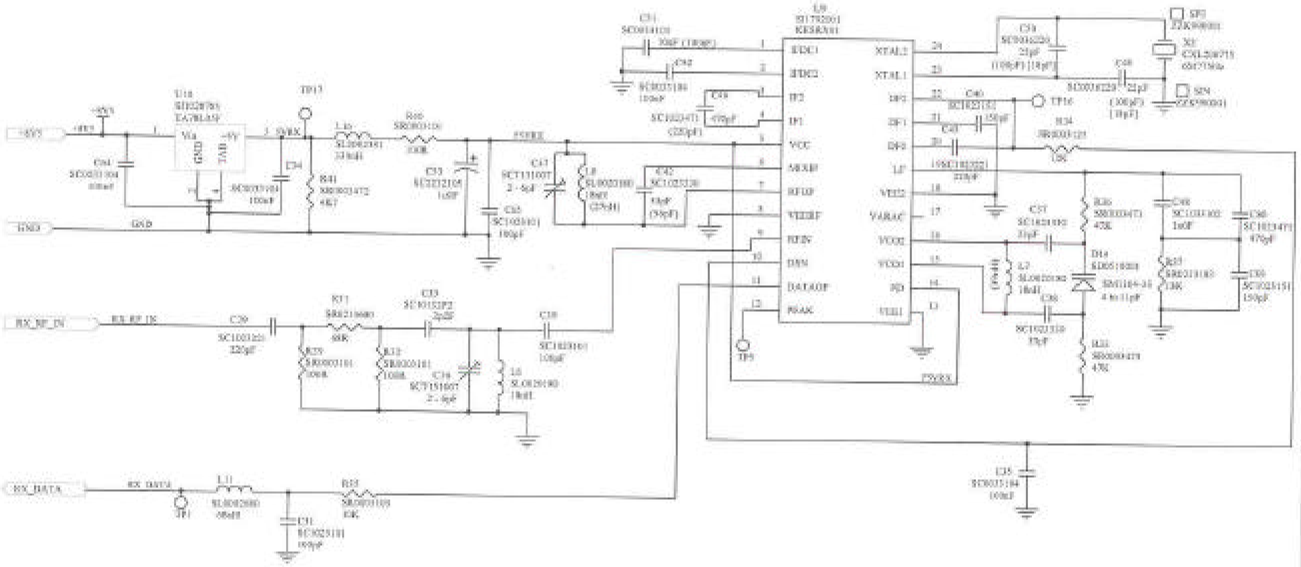
Title
RS485 CO-PROCESSOR

Size A3 | Drawn by: M.T. Maggs | Number: [illegible] | Revision: 02

File: [illegible] | Date: 15-Oct-1999 | Time: [illegible] | Sheet 5 of 6

Date	Rev	CRN No.
22/07/98	00	0451
15/09/99	01	0640

VALUES IN ( ) ARE THE VALUES FROM MITEL's DATA SHEET
VALUES IN [ ] ARE THE VALUES FROM MITEL's REFRENCE DESIGN



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Approvals		Date
Checked:		22.10.99
Approved:		22.10.1999

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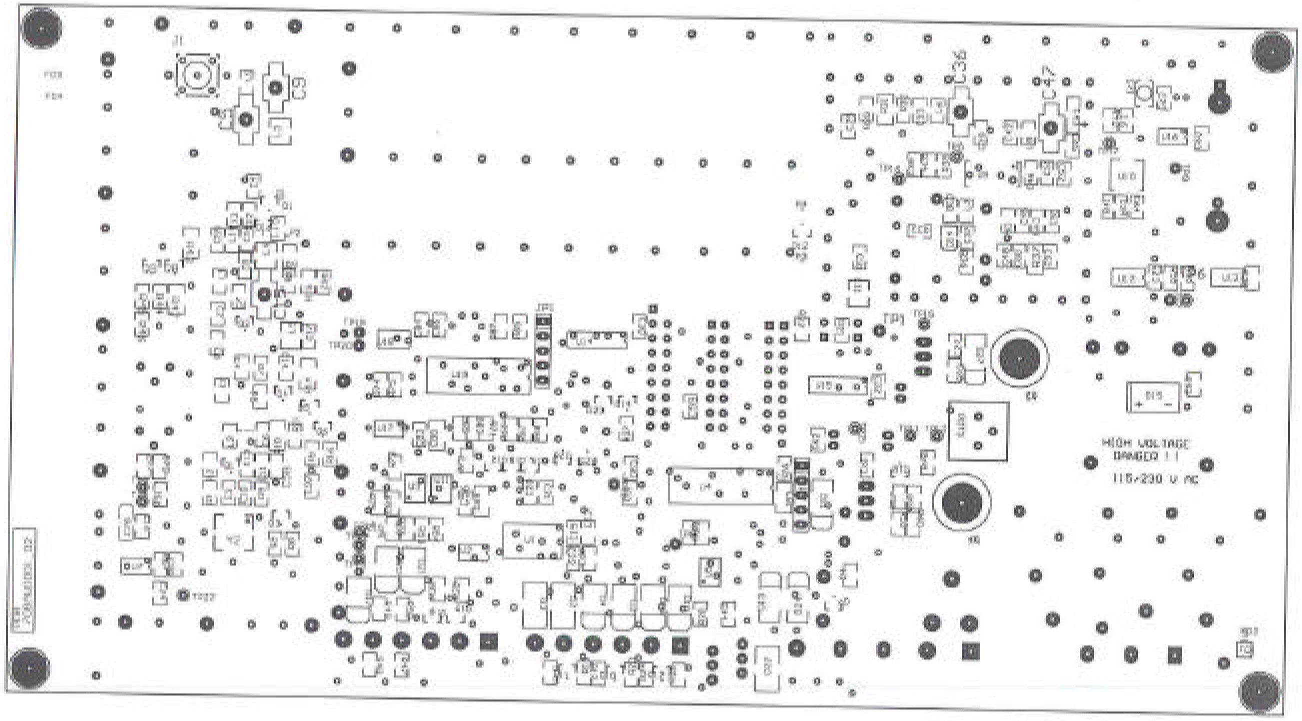
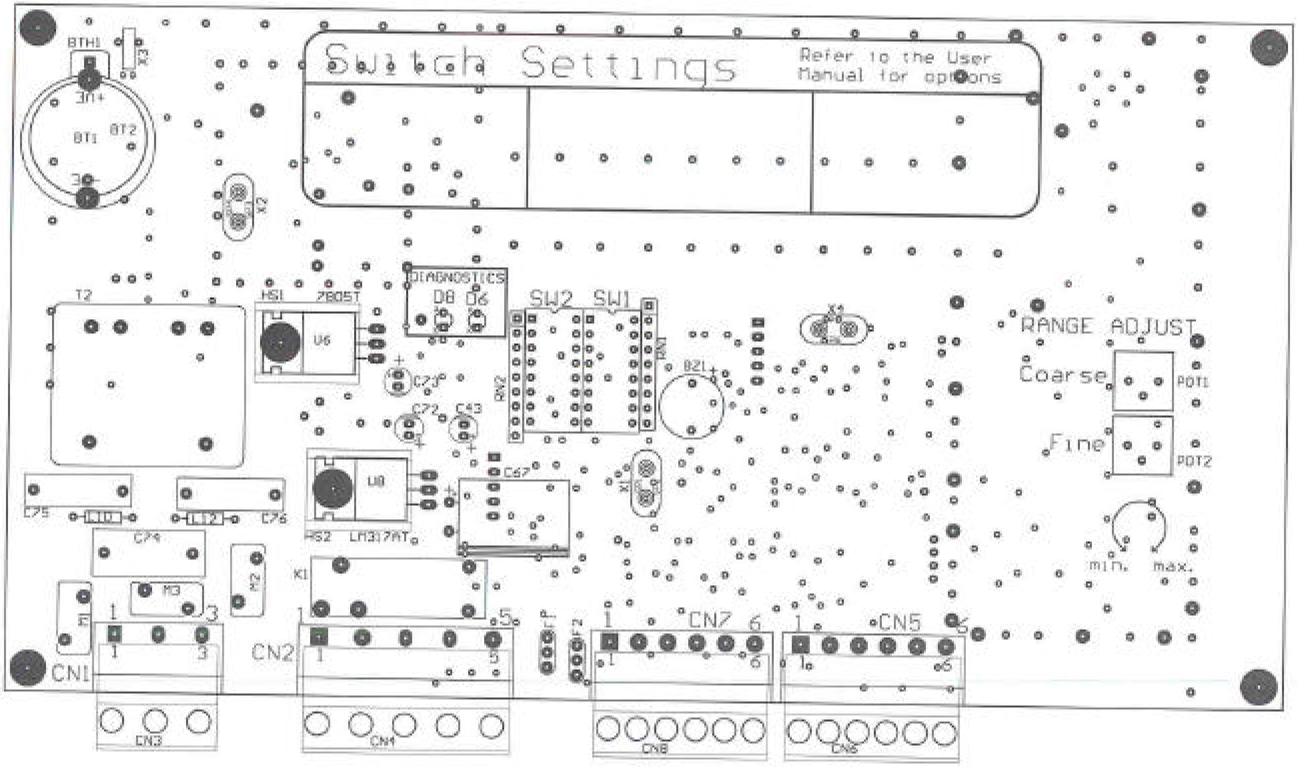
[illegible]
Pietermaritzburg [illegible]
South Africa
Phone [illegible]

Title
Autotag Base-Station Receiver Section

Size: A4 Drawn by: Luke Grove / M. Maggs Number: 700CD0233 Revision: 02

File: [illegible] Date: [illegible] Time: [illegible] Sheet 4 of 6


PCB
708AU001_02
J1
C9
C36
C47
TP19
TP20
TP1
D15
HIGH VOLTAGE
DANGER !!!
115/230 V AC


Switch Settings
Refer to the User Manual for options
BTH1
X3
3n+
BT1
BT2
3n
X2
T2
HS1
7805T
U6
DIAGNOSTICS
D8 D6
SW2 SW1
RN2
RN1
C73
C72
C43
C67
U8
HS2
LM317AT
X1
X4
BZ1
RANGE ADJUST
Coarse
POT1
Fine
POT2
min.
max.
C75
L10
L12
C76
C74
M3
M2
K1
CN1
CN2
CN3
CN4
CN5
CN6
CN7
CN8
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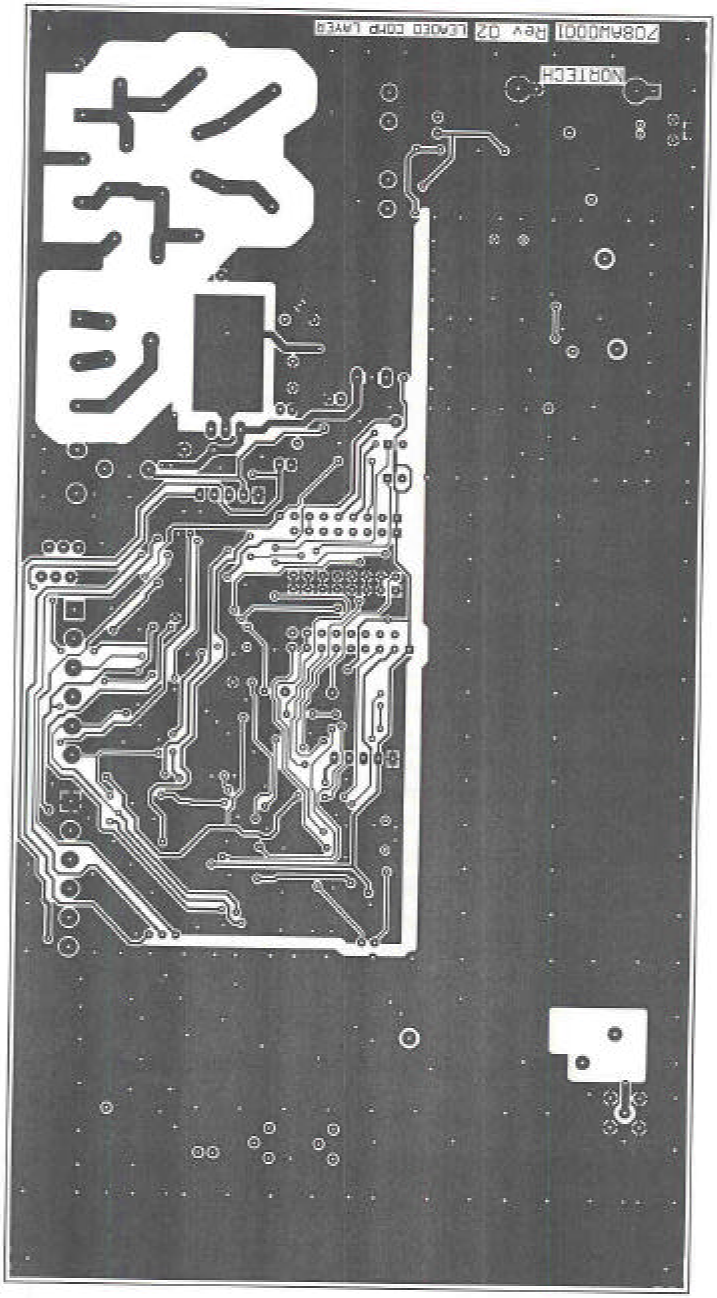
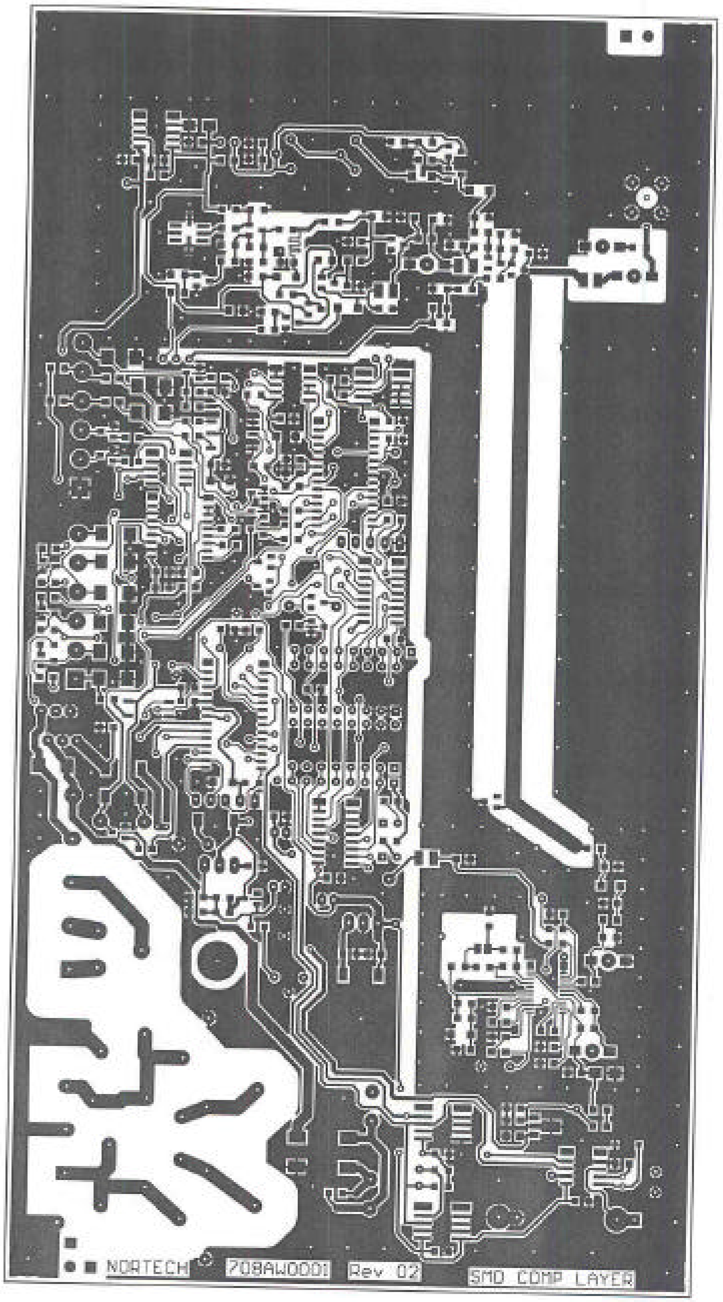
F2
1
3
5
6


708AW0001
Rev 02
LEADED COMP LAYER
NORTECH


NORTECH
708AW0001
Rev 02
SMD COMP LAYER