

Modification on Sony SPP-A945 (FCC ID : AK8SPP930)

The modification made is basically replacing the 2 ceramic filters & a few components by a Saw Duplexer. Details of the component changes are listed as follows :-

Handset RF board :

- 1) Remove ceramic filter F1, F2
- 2) Remove inductor L3, L4
- 3) Remove capacitor C2, C3, C4
- 4) Add Saw Duplexer F1
- 5) Add C1 – 47pF

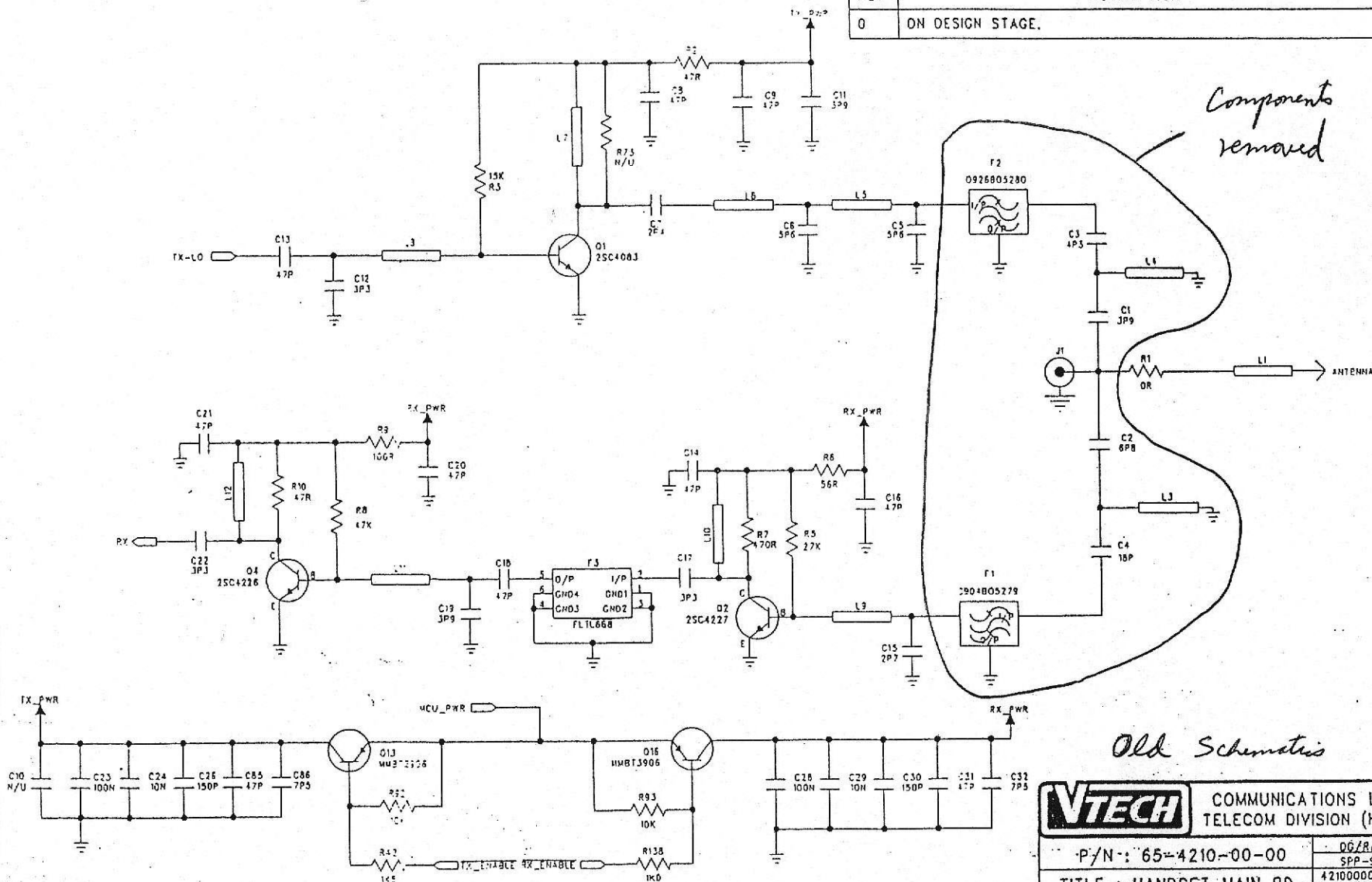
Base RF board :

- 6) Remove ceramic filter F1, F2
- 7) Remove inductor L3, L4
- 8) Remove capacitor C2, C3, C4
- 9) Add Saw Duplexer F1
- 10) Add C1 – 47pF

Handset	RF circuitry	Sheet 1 of 5 (old)	-- Page 2
Handset	RF circuitry	Sheet 1 of 5 (new)	-- Page 3
Handset	RF circuitry	Sheet 2 - 5 of 5	-- Page 4 - 7
Base	RF circuitry	Sheet 1 of 7 (old)	-- Page 8
Base	RF circuitry	Sheet 1 of 7 (new)	-- Page 9
Base	RF circuitry	Sheet 2 - 7 of 7	-- Page 10 - 15

Note : The changes only affect Sheet 1 of Handset & Base schematic diagrams.

REVISION	
REV	DESCRIPTION
0	ON DESIGN STAGE.



Components removed

Old Schematics

VTECH COMMUNICATIONS LTD.
TELECOM DIVISION (HK)

·P/N-: 65-4210-00-00

TITLE : HANDSET MAIN 80

CHK:	APPR:	DATE: 17 NOV. 97
DATE:	DATE:	SHEET 1 OF 5

6

5

4

3

2

1

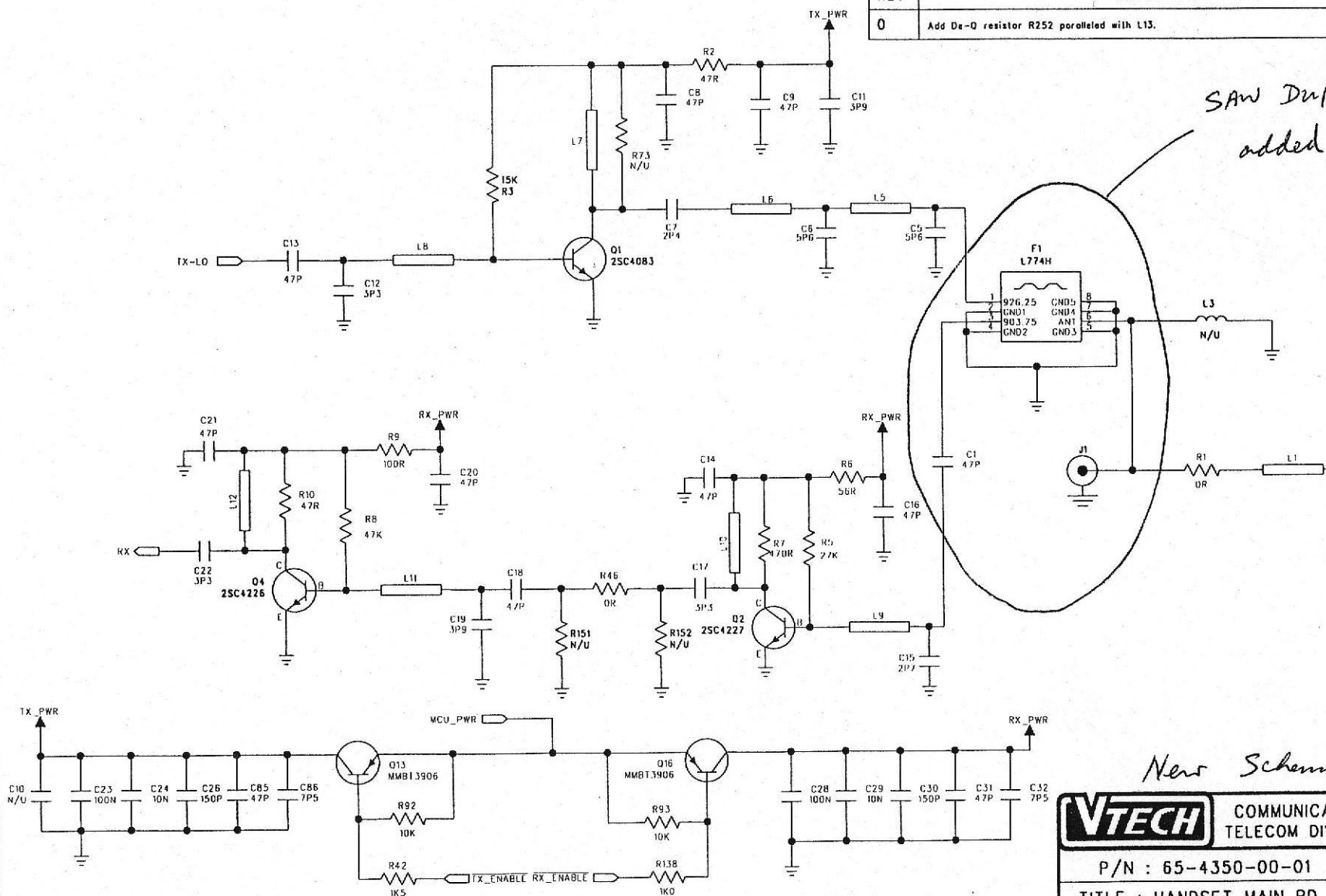
REVISION

REV

DESCRIPTION

0

Add De-Q resistor R252 paralleled with L13.

SAW DUPLEXER
added

New Schematics

VTECH COMMUNICATIONS LTD.
TELECOM DIVISION

P/N : 65-4350-00-01

DG/OE

SPP-945

TITLE : HANDSET MAIN BD

43500001.SCH

4350-02.JOB

CHK:

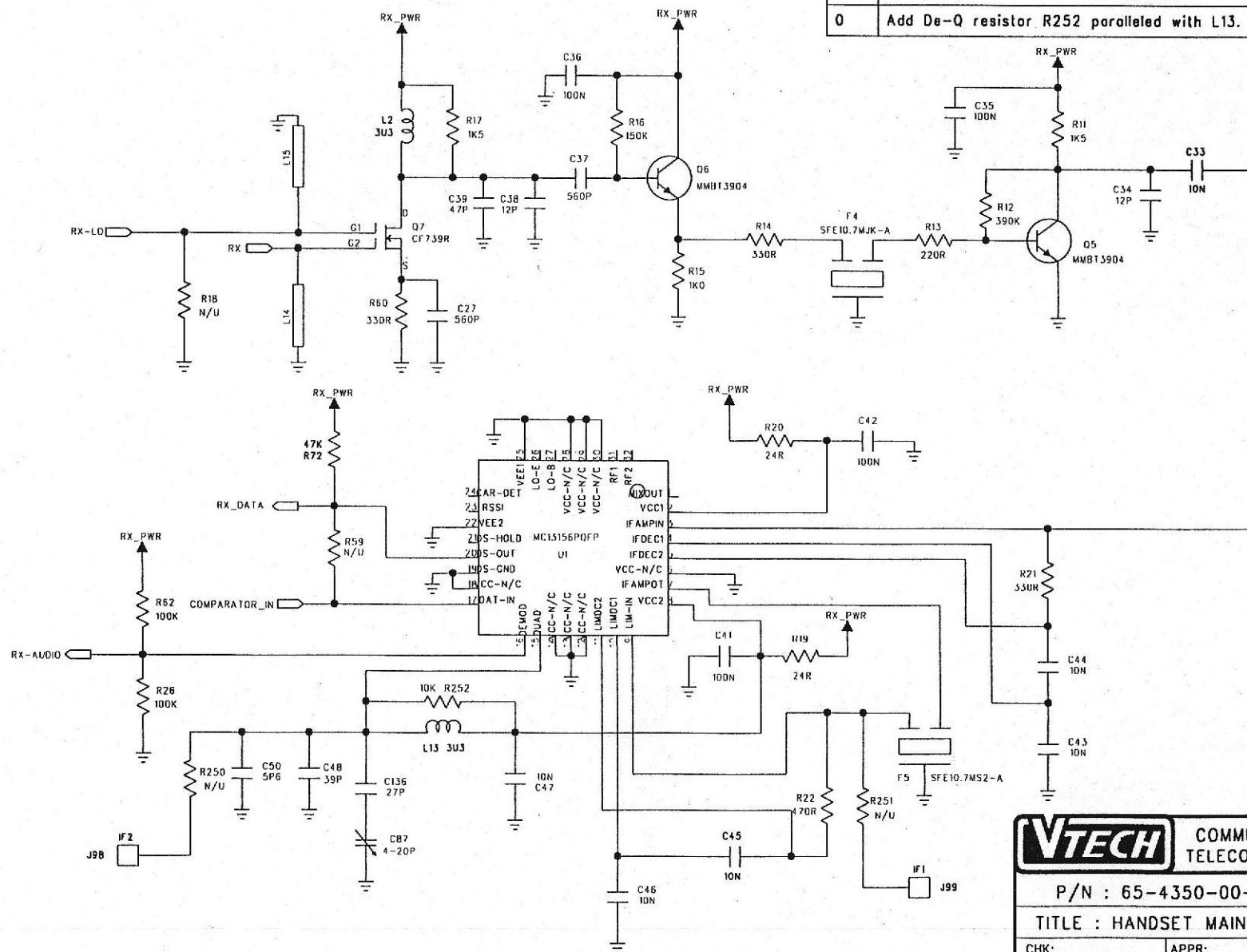
APPR:

DATE: 11 MAY 99

DATE:

DATE:

SHEET 1 OF 5



REVISION	
REV	DESCRIPTION
0	Add De-Q resistor R252 paralleled with L13.

VTECH COMMUNICATIONS LTD. TELECOM DIVISION		
P/N : 65-4350-00-01		DG/DE
TITLE : HANDSET MAIN BD		SPP-935
CHK:		43500001.SCH
DATE:		4350-02.JOB
APPR:		DATE: 11 MAY 99
DATE:		SHEET 2 OF 5

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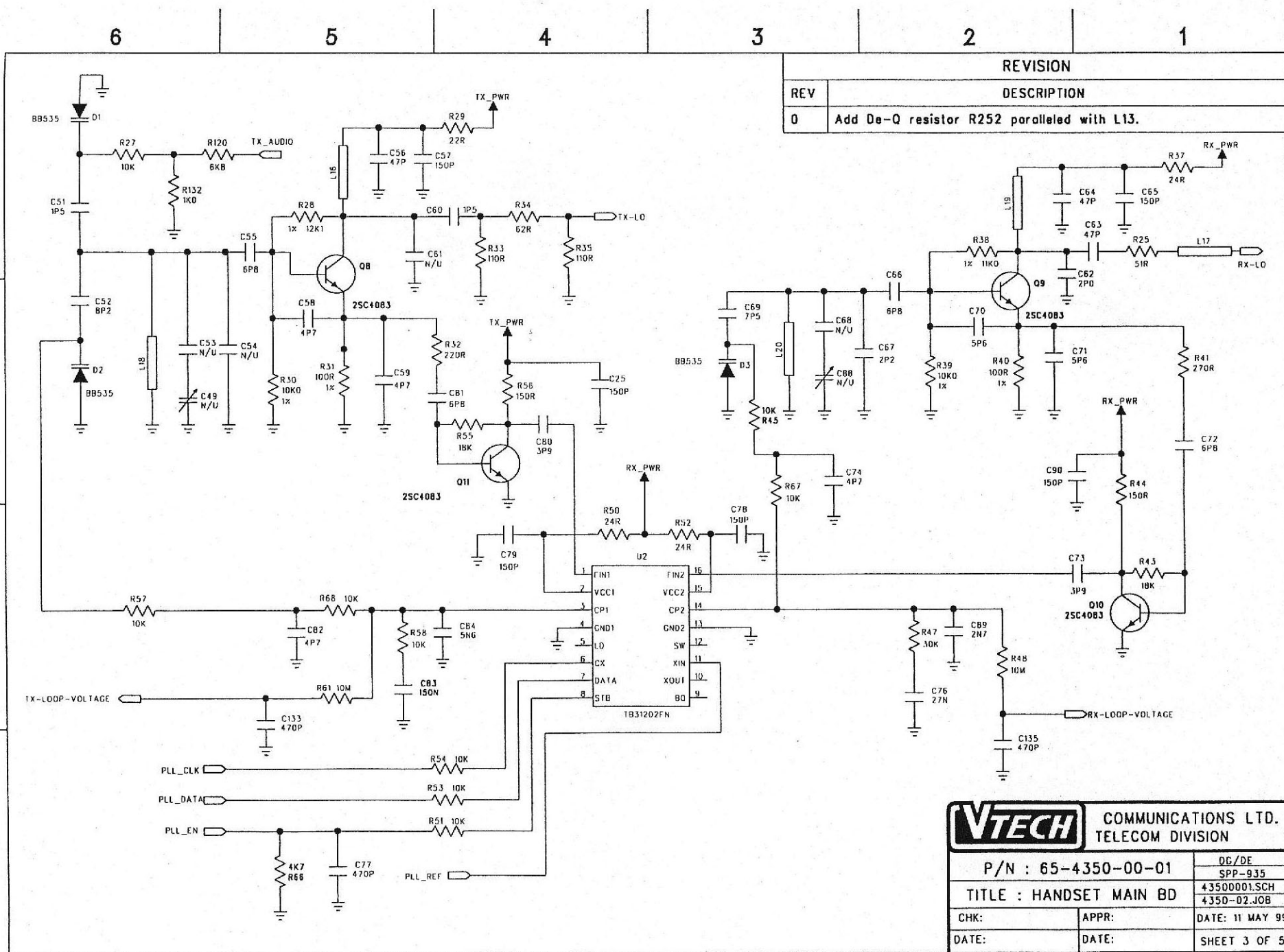
A

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REVISION	
REV	DESCRIPTION
0	Add De-Q resistor R252 paralleled with L13.

VTECH COMMUNICATIONS LTD. TELECOM DIVISION	
P/N : 65-4350-00-01	QC/DE
	SPP-935
TITLE : HANDSET MAIN BD	4350D001.SCH
	4350-02.JOB
CHK:	APPR:
DATE:	DATE:
	SHEET 3 OF 5

Pg 6 of 15

4350-01.sch-4 - Thu May 13 13:39:51 1999

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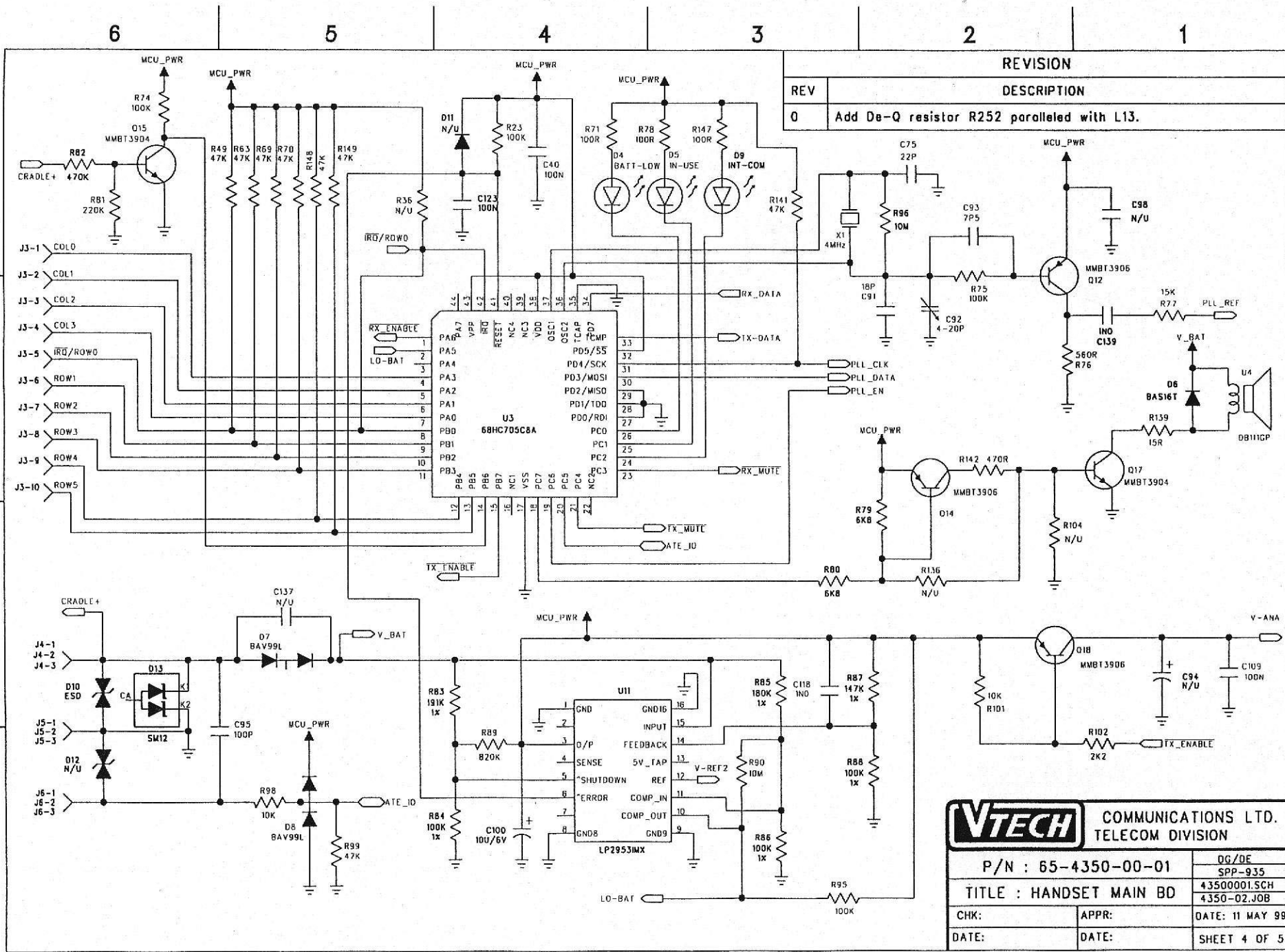
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VTECH		COMMUNICATIONS LTD.	
		TELECOM DIVISION	
P/N : 65-4350-00-01		DG/DE	
		SPP-935	
TITLE : HANDSET MAIN BD		43500001.SCH	
		4350-02.JOB	
CHK:	APPR:	DATE: 11 MAY 99	
DATE:	DATE:	SHEET 4 OF 5	

