

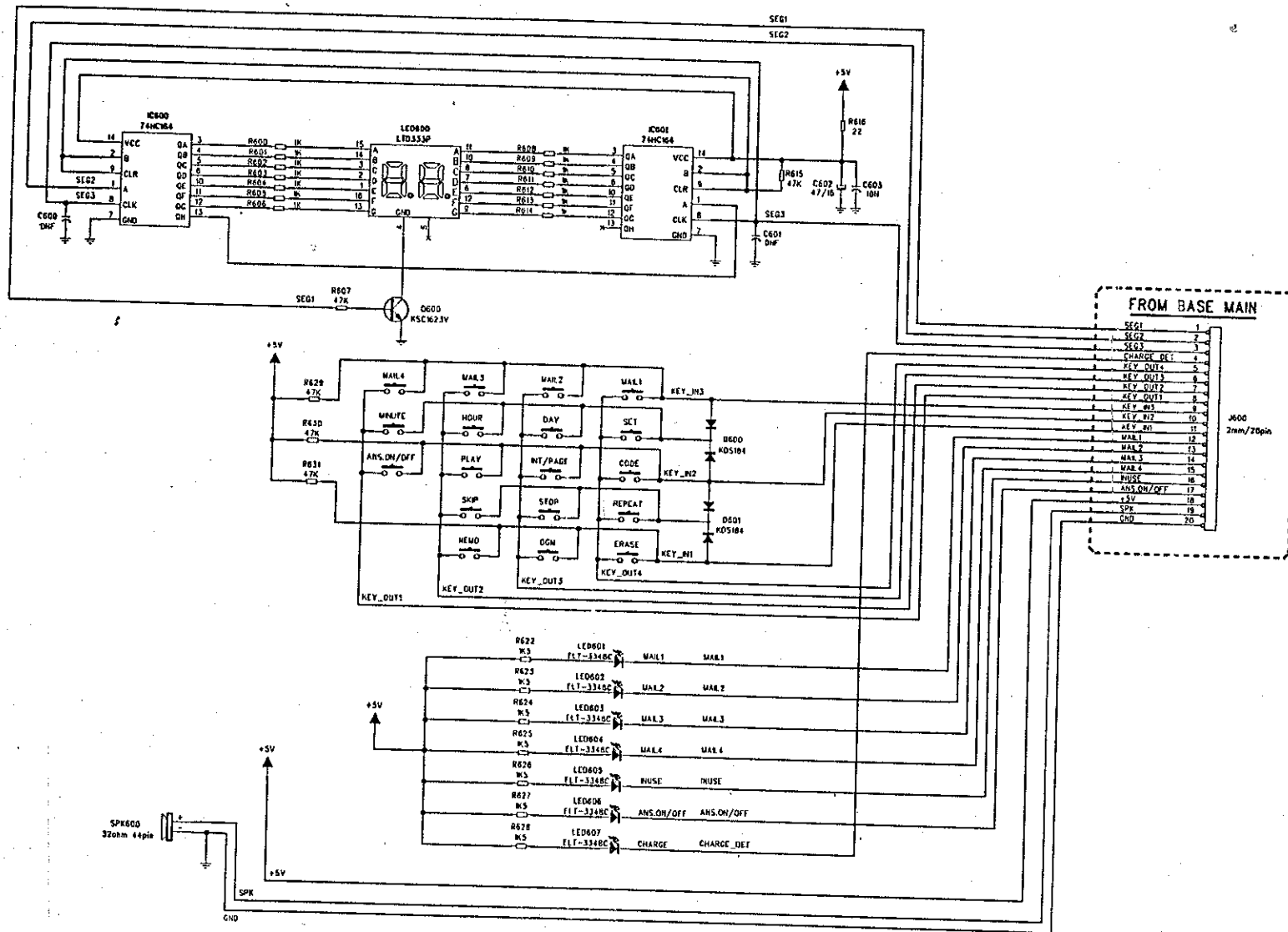
BASE MAIN SCHEMATIC DIAGRAM (MH9934 SERIES)

COMPONENTS:

- IC100: KA324
- IC101: KA324
- IC102: KA324
- IC103: KA324
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- IC317: KA324
- IC318: KA

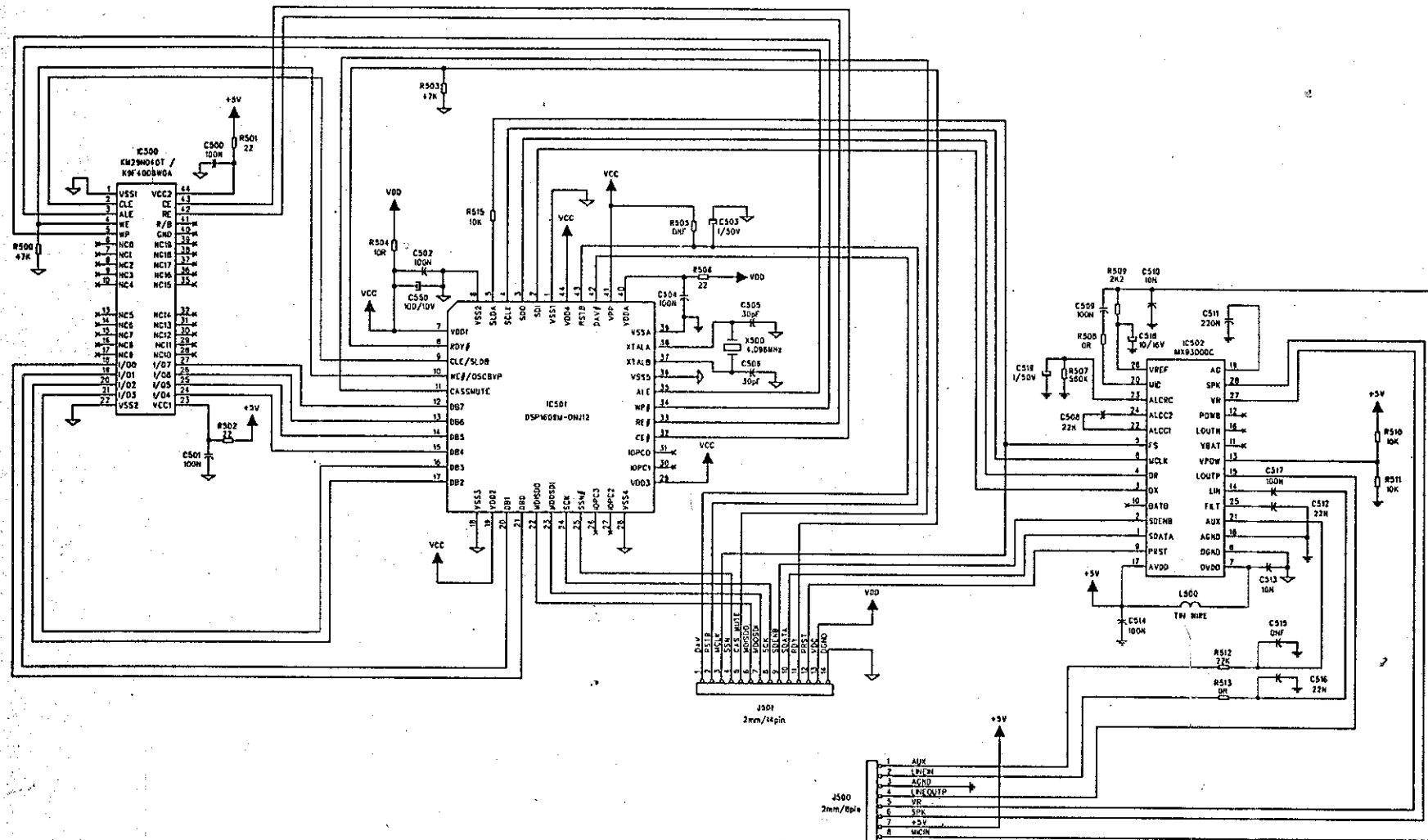
LIONDA TECHNOLOGY COMPANY LIMITED			
u.h.lao		isrry	
DESIGN	DRAWING	CHECKED	APPROVED
TITLE: MH9934 SERIES BASE MAIN SCHEMATIC			
SIZE C	DAS + CIDCW 900MHZ ANALOG		REV A4
DATE:	DECEMBER 02, 2000	SHEET 3 OF 1	

BASE DIAL SCHEMATIC DIAGRAM (MH9934 SERIES)



LIONDA TECHNOLOGY COMPANY LIMITED			
DESIGN	DRAWING	CHECKED	APPROVED
DATE	DESIGNER	DATE	DATE
DATE	DESIGNER	DATE	DATE

DSP/MEMORY SCHEMATIC DIAGRAM (MH9934 SERIES)



LIONDA TECHNOLOGY COMPANY LIMITED			
S.H. Sec		Jerry	
DESIGN	DRAWING	CHECKED	APPROVED
TITLE: MH9934 SERIES DSP/MEMORY SCHEMATIC			
SIZE	DAS+CDOW 900MHZ ANALOG		REV A2
DATE:	DECEMBER 02, 2000	SHEET 1 OF 1	

HANDSET MAIN SCHEMATIC DIAGRAM (MH9934 SERIES)

This schematic diagram illustrates the internal circuitry of the MH9934 Series Handset. The components are organized into several functional blocks:

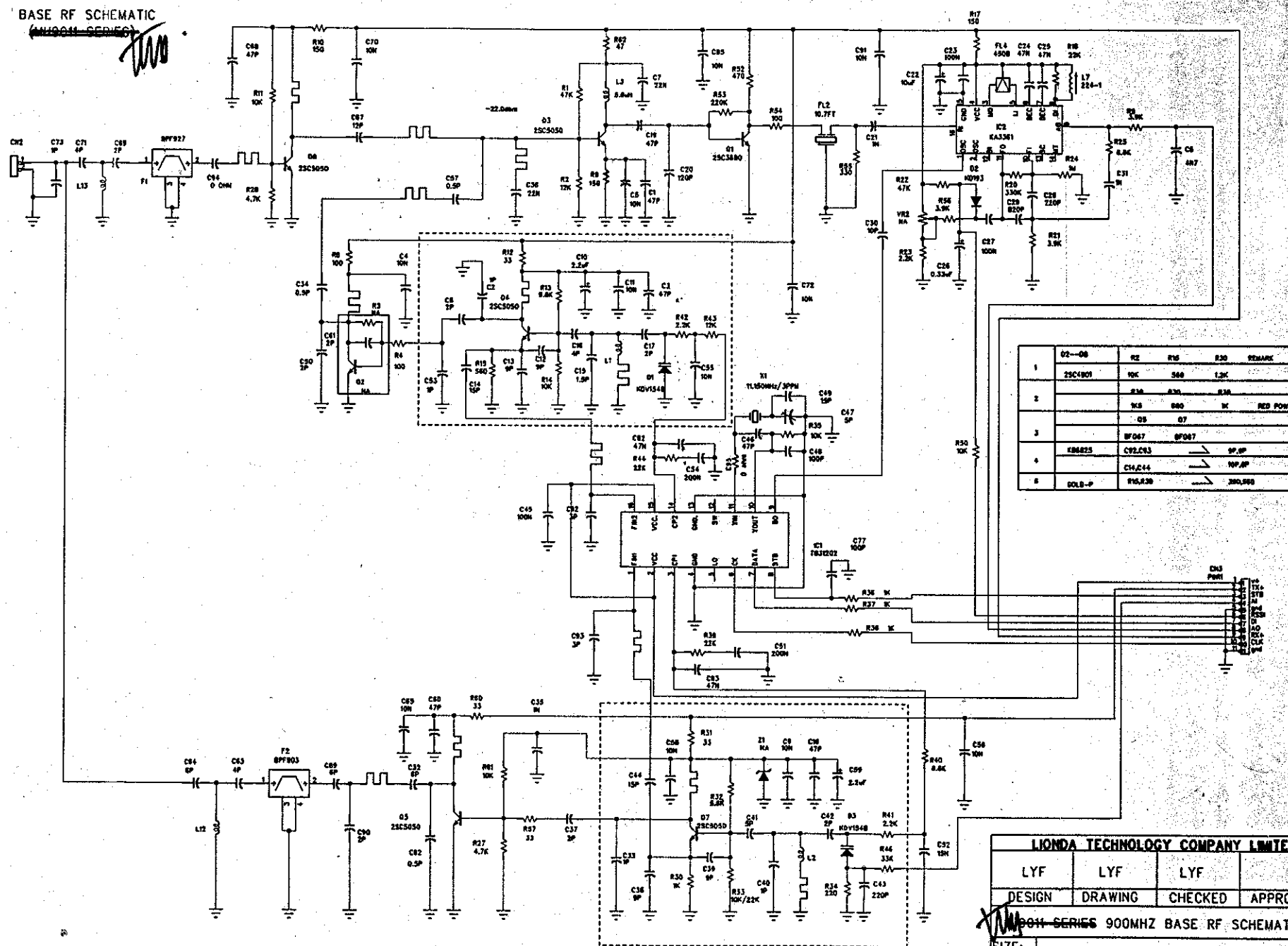
- RF MODULE:** Located on the left, it includes pins for RXB+, AF OUT, P_CLK, P_DN, P_STB, RSSI, CHD, TX_PWR, and MOD_IN. It features a variable capacitor (C100) and a switch (SWBDA) for volume control.
- Baseband Processor (IC000):** The central component, labeled "K16C2970A1P", which handles the core signal processing. It has numerous pins for data, control, and power.
- Power and Control ICs:**
 - IC001 (NIA7034):** A power amplifier or driver stage.
 - IC002 (CATA1632):** A control logic or timer IC.
 - IC003 (K16907):** A microcontroller or baseband processor.
 - IC004 (KA324):** A general-purpose operational amplifier.
 - IC005 (K16907):** Another microcontroller or baseband processor.
- Control and Status:** Includes pins for TXB+, TXB DATA, and various status signals like TXB+, TXB DATA, and TXB+.
- Power and Grounding:** Extensive use of VCC and GND pins, along with various capacitors (C101-C150) for decoupling and timing.
- Optional Components:** Indicated by dashed boxes and labels like "OPTIONAL" and "TYPICAL".

The diagram shows a complex network of resistors, capacitors, and integrated circuits, all interconnected to form the complete handset circuit.

LIONDA TECHNOLOGY COMPANY LIMITED			
author	john		
DESIGN	DRAWING	CHECKED	APPROVED
TITLE: MH9934 SERIES HANDSET MAIN SCHEMATIC			
SIZE C	DAS+CIDCW 900MHZ 40CH ANALOG		REV A3
DATE:	SEPTEMBER-02-2000	SHEET 1 OF 3	

BASE RF SCHEMATIC

(4000H SERIES)

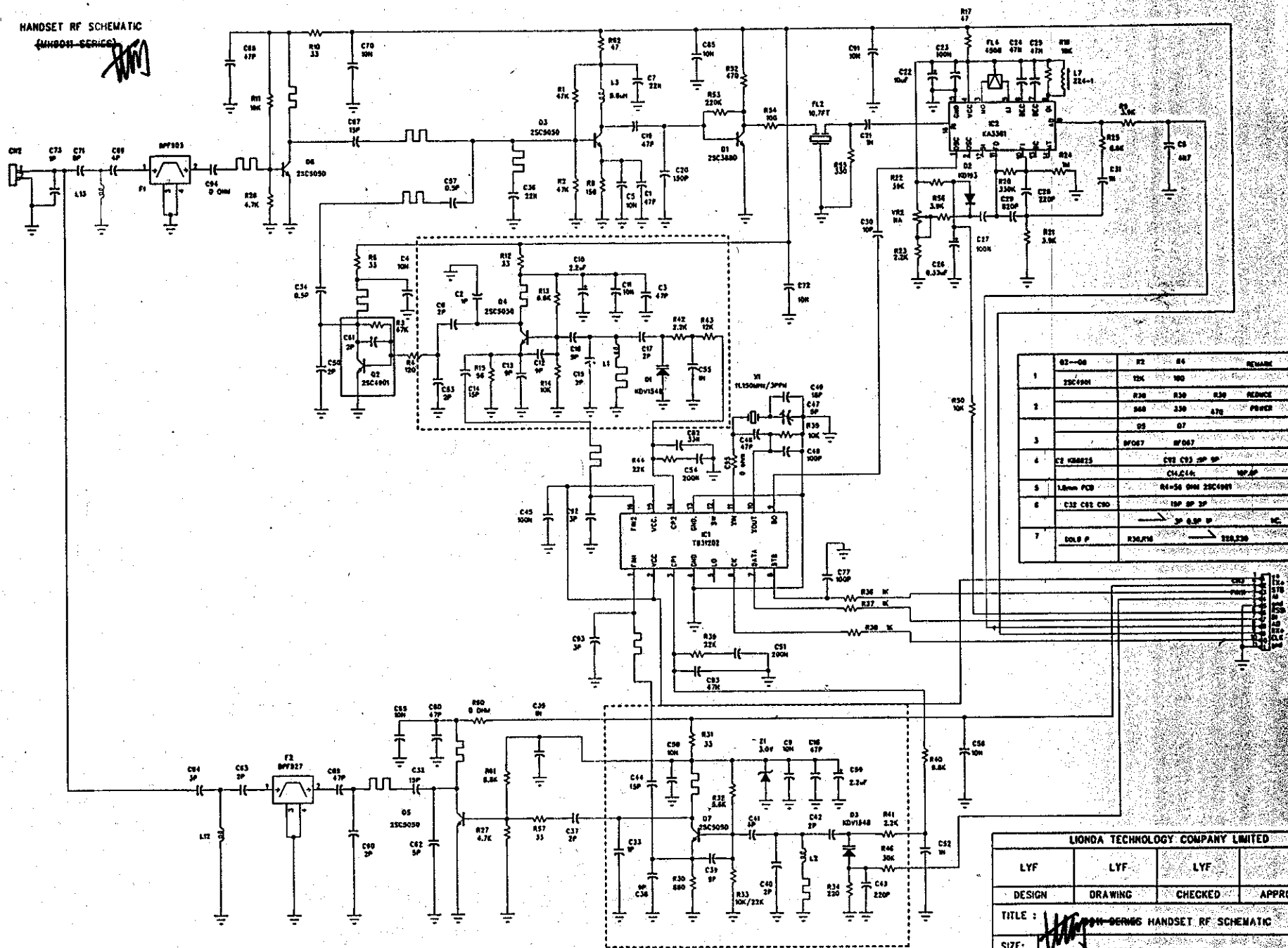


	Q2-Q6	R2	R15	R30	REMARK
1	2SC4801	10K	560	1.2K	
2		R38	R39	R38	
		1K8	680	1K	RED POW
3		Q5	Q7		
	BF067	BF067			
4	KB6215	C92,C93			5P, 5P
	C14,C14				10P, 10P
5	DOLB-P	R15,R30			200, 200

LIONDA TECHNOLOGY COMPANY LIMITED			
LYF	LYF	LYF	
DESIGN	DRAWING	CHECKED	APPROVED
900MHz 40-CHANNEL ANALOG			
SIZE: C	900MHz 40-CHANNEL ANALOG		REV A
DATE: OCTOBER-10-2000	SHEET: 1 OF 1		

HANDSET RF SCHEMATIC

(MM8001-SERIES)



1	2	3	4	5	6	7
2SC4901	10K	100	REVERSE			
	100	100	100	REVERSE		
	100	100	100	POWER		
	05	07				
	MF067	MF067				
C2 K80815	C25 C23 1P 1P					
1.8mm PCB	R4-56 0.0M 2SC4901					
C12 C21 C20	1P 1P 1P					
	1P 0.5P 1P					
	100,100					

LIONDA TECHNOLOGY COMPANY LIMITED			
LYF	LYF	LYF	LYF
DESIGN	DRAWING	CHECKED	APPROVED
TITLE : MM8001-SERIES HANDSET RF SCHEMATIC			
SIZE : C	900MHZ 40-CHANNEL ANALOG		REV : A
DATE : OCTOBER-10-2000		SHEET : 2 OF 2	