

7958A SCH for GA1

The schematic diagram illustrates the internal circuitry of the 7958A SCH for GA1. It is divided into several functional blocks:

- RF/MIC Section:** Includes the RF_RING, RE_MIC, and MIC inputs, featuring various capacitors and resistors for signal conditioning.
- LINE Section:** Processes the LINE_IN signal through a series of amplifiers and filters, including the LINE_DSP and LINE_CTRL blocks.
- HI-VOLTAGE Section:** Manages the high-voltage supply, including the HI_VOLTAGE input and the associated power management circuitry.
- Control and Timing Section:** Contains the CONF_CTRL, HOLD_CTRL, and various timing components like capacitors and resistors.
- Power and Biasing Section:** Shows the +5V supply and various biasing networks for different parts of the circuit.

The diagram includes numerous component values (resistors, capacitors, inductors) and pin connections, providing a detailed view of the device's internal architecture.

NOTES:

1. RESISTOR ARE 5% UNLESS SPECIFIED OTHERWISE
2. ALL CAP. ARE 5% UNLESS SPECIFIED OTHERWISE
3. ALL DIODES ARE 1N4148 UNLESS SPECIFIED
4. MAX. FOR PARTIAL COMPONENT --
5. N.U. NOT IMPLEMENT
6. COMPONENT VALUE IS BE ADJUSTED TO MEET SPEC

COMPANY: CCT TECH GROUP

DESIGNED BY: LAW MAN MI

CHECKED BY: IVAN SO

APPROVED BY: IVAN SO

USA/CAN 40CH
CORDLESS PHONE
COCOA TAM CORDED
SPEAKERPHONE (BASE Tel. Line)

DATE: 11/01/00

DRAWING NO. 585-7858A-0008

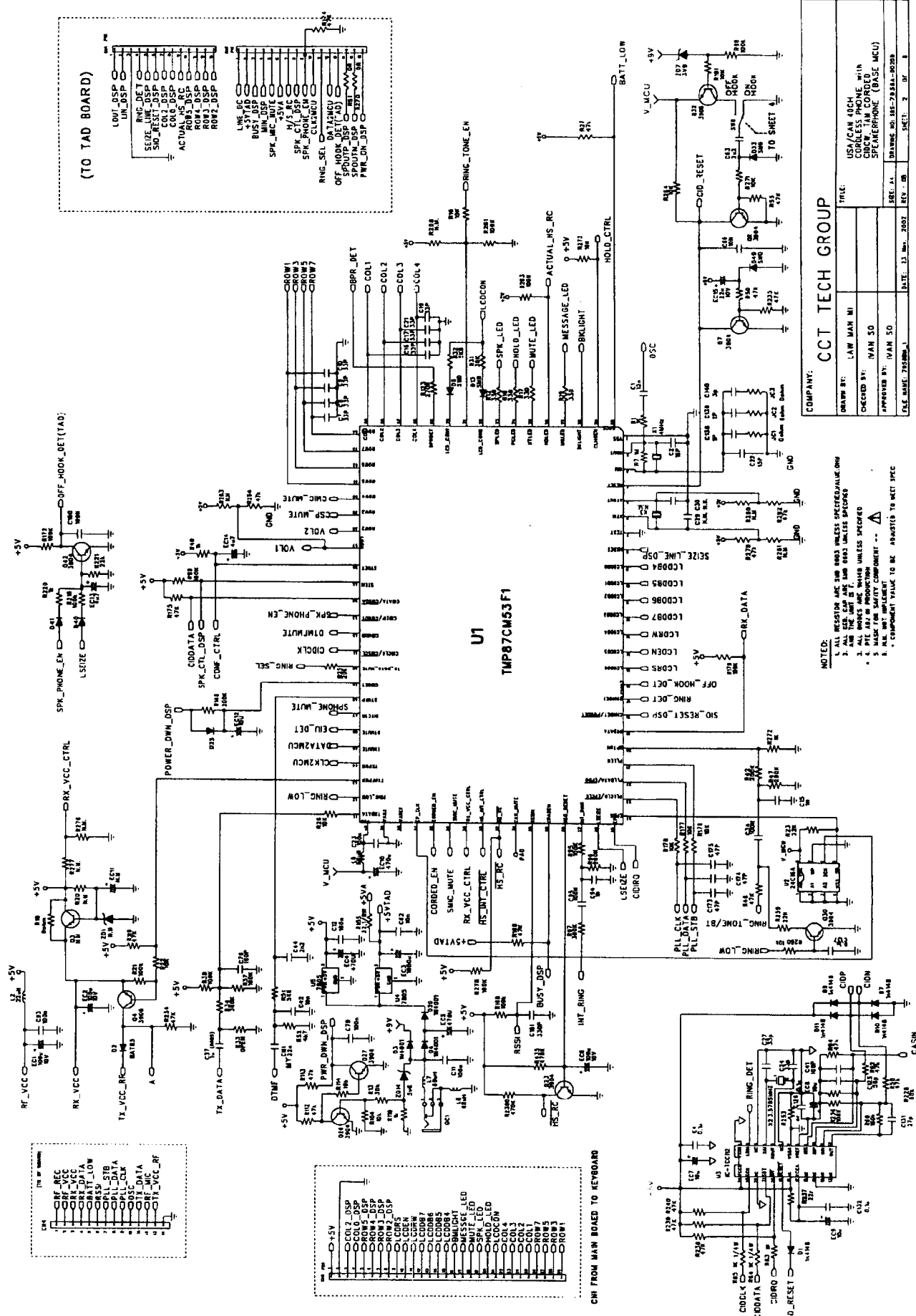
TER.

1. ALL REGISTERS ARE SMD 0603 UNLESS SPECIFIED, VALUE 0.0MM
2. ALL CHIP CAP ARE SMD 0603 UNLESS SPECIFIED
3. THE UNIT IS F
4. ALL DIODES ARE 1W018 UNLESS SPECIFIED
5. ALL RESISTORS ARE 1% UNLESS SPECIFIED
6. ALL PCB DIM IN MILLIMETER
7. 5. MADE FOR SANYO COMPONENT -- 
8. N/A NOT IMPLEMENT
9. COMPONENT VALUE TO BE ADJUSTED TO MEET SPEC
10. ESP PASS TERMINAL 

COMPANY:

CCT TECH GROUP

DESIGNED BY:	LAW, JUAN M.	TITLE:	USA/CAN 40CH CORDLESS PHONE with CUCU, TAM CORDED SPEAKERPHONE (BASE Tel. Line)
CHECKED BY:	IVAN SO	DATE:	15. JAN. 2002
APPROVED BY:	IVAN SO	SIZE:	A4
DATE:	15. JAN. 2002	REV:	00
BY: NAME, DESIGNED	DATE	BY: NAME, CHECKED	DATE
BY: NAME, APPROVED	DATE	BY: NAME, DRAWING	DATE



KEY BOARD (27958)

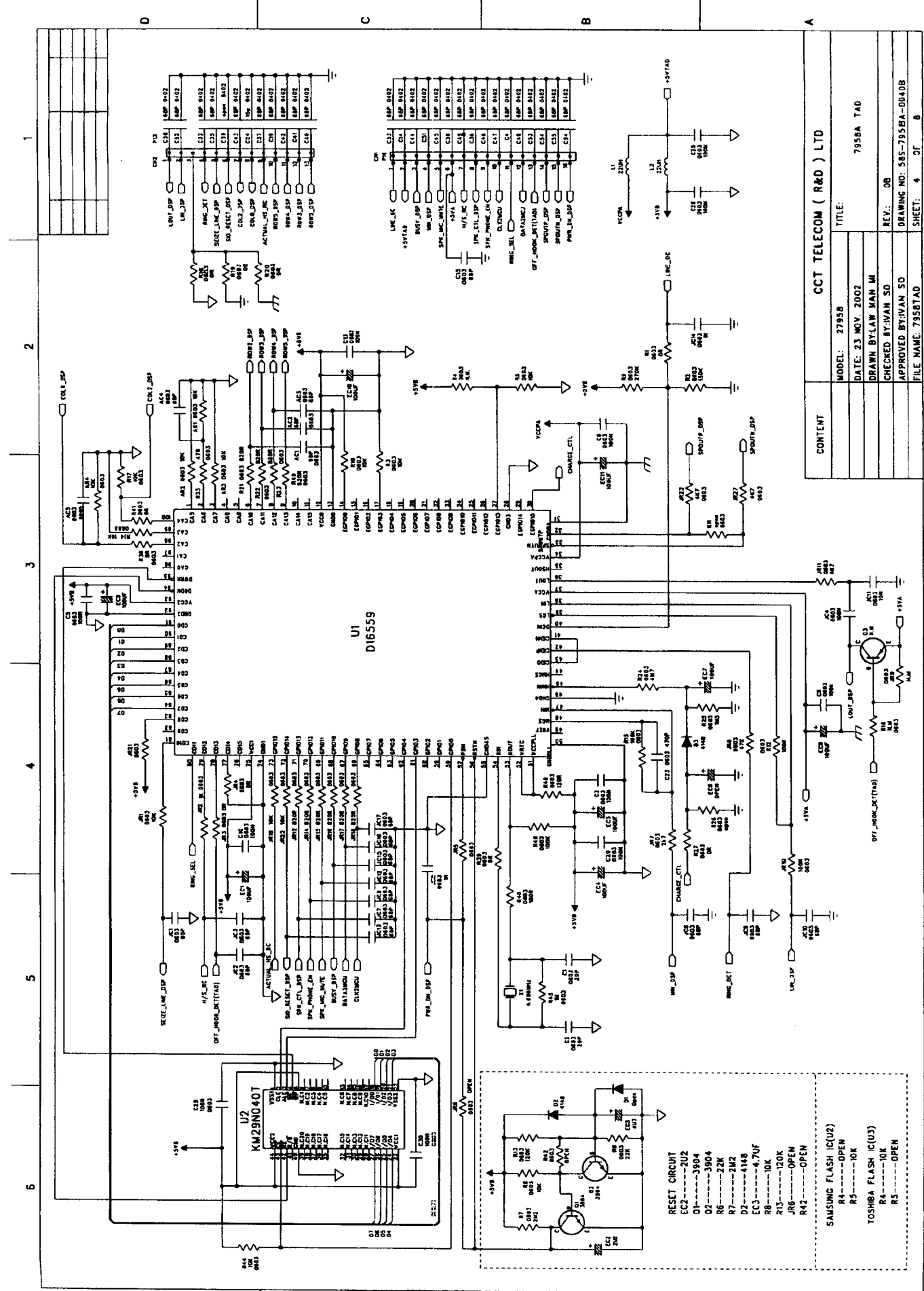
The schematic diagram illustrates the electrical connections between the main board and two LCD boards. The main board features a grid of pins labeled ROW1 through ROW7 and COL1 through COL4. Control lines include P/A, FORMAT, PE/INT, RESET, MUTE, HOLD, CDR, CDR#, INTVL, and MUTE. Two LCD boards are connected: CH1 FROM KEY BOARD TO MAIN BOARD and CH2 FROM KEYBOARD TO LCD BOARD. Each LCD board has pins for DSP, LEDS, SPK, MUTE, and HOLD, and a set of pins for COL0 through COL7, ROW0 through ROW7, and control lines like BRIGHT, MESSAGE_LED, and LDCON.

COMPANY:		CCT TECH GROUP		TITLE:	
DESIGN BY:	LAW MAN IN	CHECKED BY:	IVAN SO	CORDLESS PHONE WITH CUCW, TAM CORDED SPEAKPHONE (BASE LCD/KEY)	
APPROVED BY:	IVAN SO				
FILE NAME:	279588152CH	DATE:	23 NOV 2002	SHEET:	3 OF 8

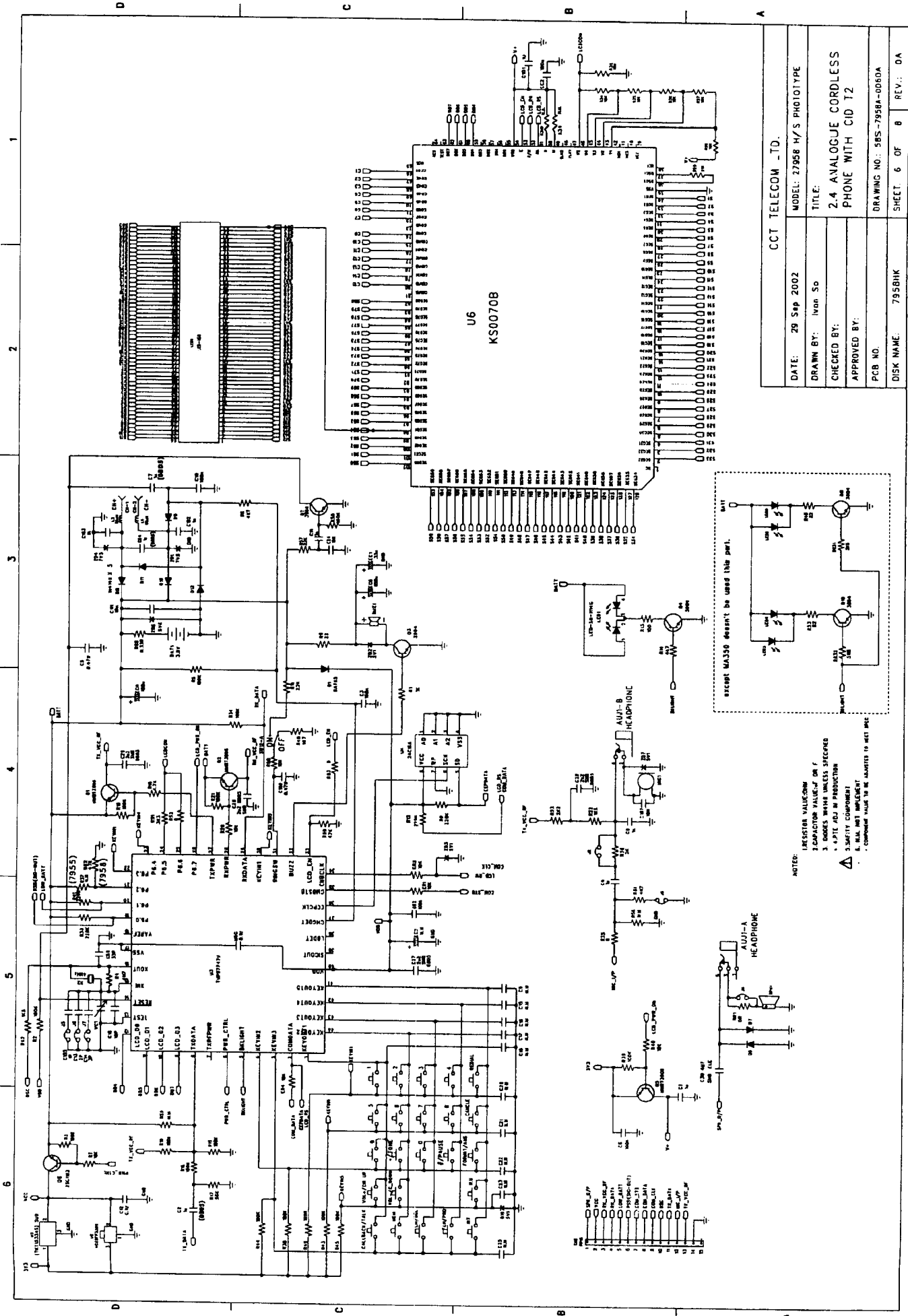
NOTED:

1. ALL RESISTOR ARE SMD 0803 UNLESS SPECIFIED OTHERWISE
2. ALL CER. CAP ARE SMD 0803 UNLESS SPECIFIED AND THE UNIT IS F.
3. ALL DIODES ARE MMS168 UNLESS SPECIFIED
4. PTE ADJ IN PRODUCTION
5. MASK FOR SAFETY COMPONENT -- 
6. M.M. NOT IMPLEMENT
- * COMPONENT VALUE TO BE ADJUSTED TO MEET SPEC

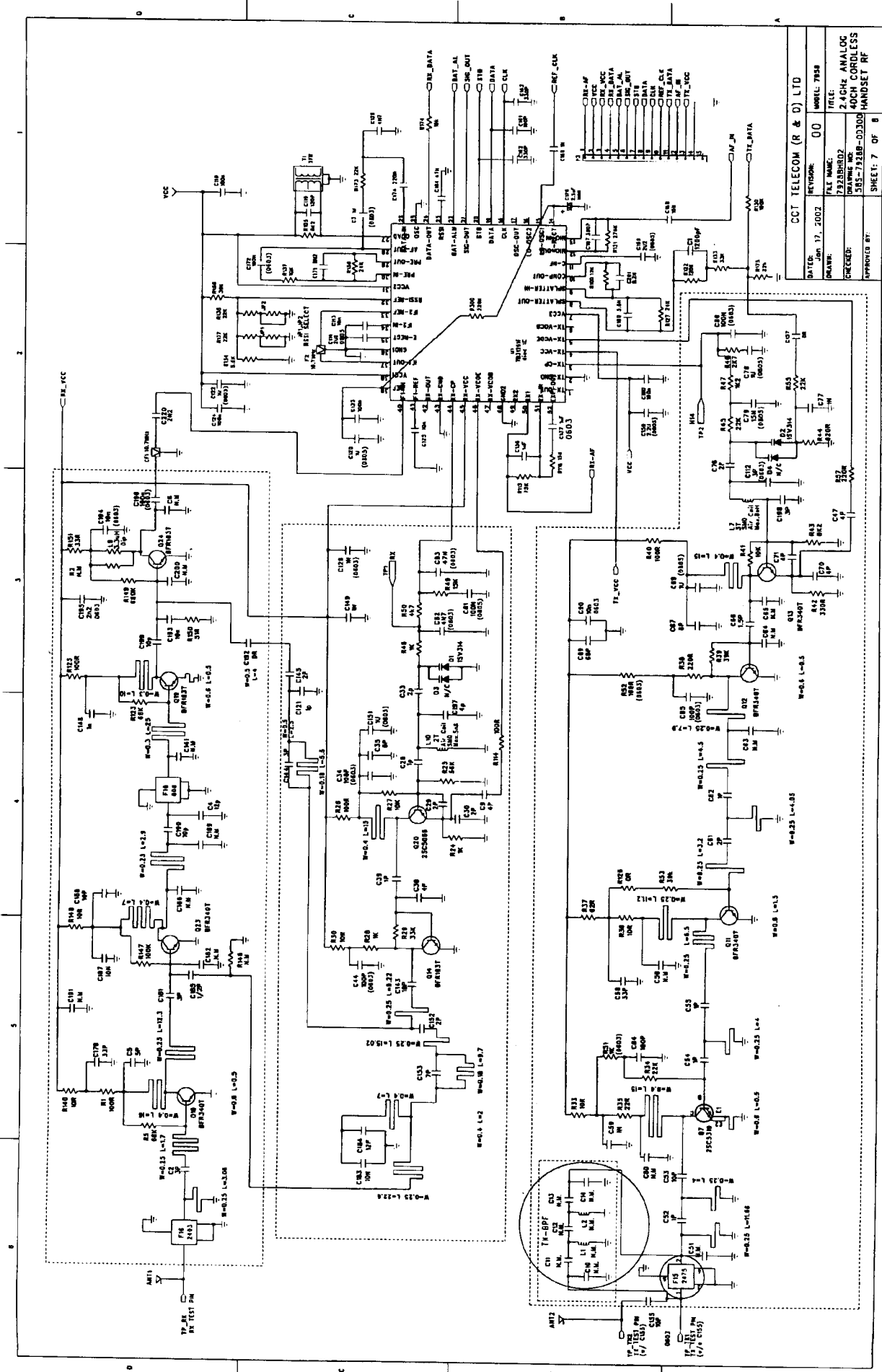
FCC ID: G9H2-7958A
Marstech Report No. 22389D
EXHIBIT C(2)-3



CONTENT	CCT TELECOM (R & D) LTD
MODEL: 27958	TITLE:
DATE: 23 NOV. 2002	7958A TAD
DRAWN BY: LAM MAN MI	REV: DB
CHECKED BY: IVAN SO	DRAWING NO: 585-7958A-00408
APPROVED BY: IVAN SO	FILE NAME: 7958TAD
SHEET: 4	OF 8

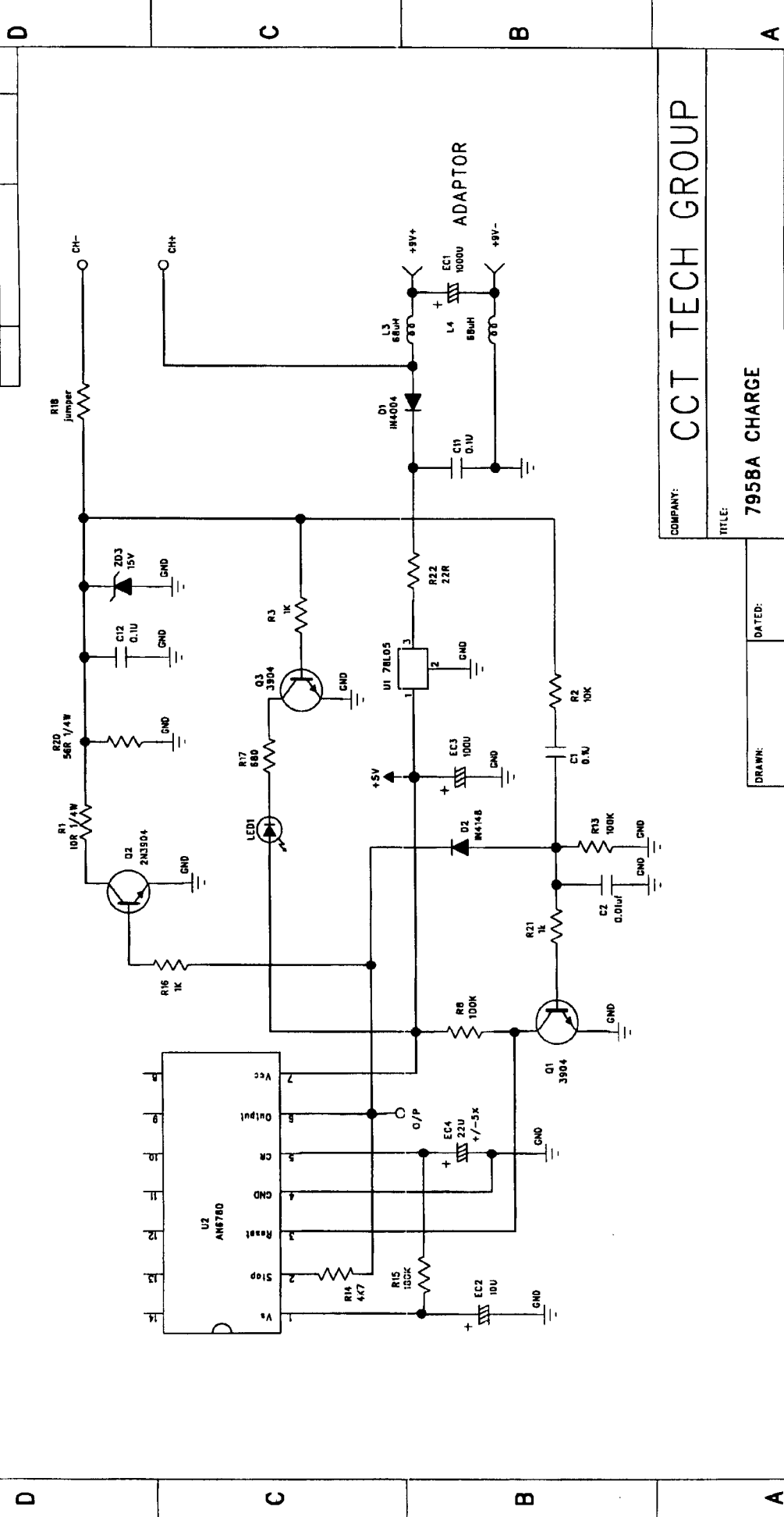


CCT TELECOM _ID_			
DATE: 29 Sep 2002	MODEL: 27958 H/S PHOTO TYPE	TITLE:	
DRAWN BY: Ivan So	CHECKED BY:	2.4 ANALOGUE CORDLESS PHONE WITH CID T2	
APPROVED BY:	PCB NO.	DRAWING NO.: 58S-7958A-0060A	
DISK NAME: 7958HK	SHEET: 6 OF 8	REV.: DA	



6 5 4 3 2 1

REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:



COMPANY: CCT TECH GROUP

TITLE:

7958A CHARGE

DRAWN:	DATED:
CHECKED:	DATED:
APPROVED BY:	DATED:
DATED : 23 NOV. 2002	DATED:

CODE:	SIZE:	DRAWING NO:	REV:
	A4	585-7958A-00008	08
SCALE:	SHEET: 8	OF	8