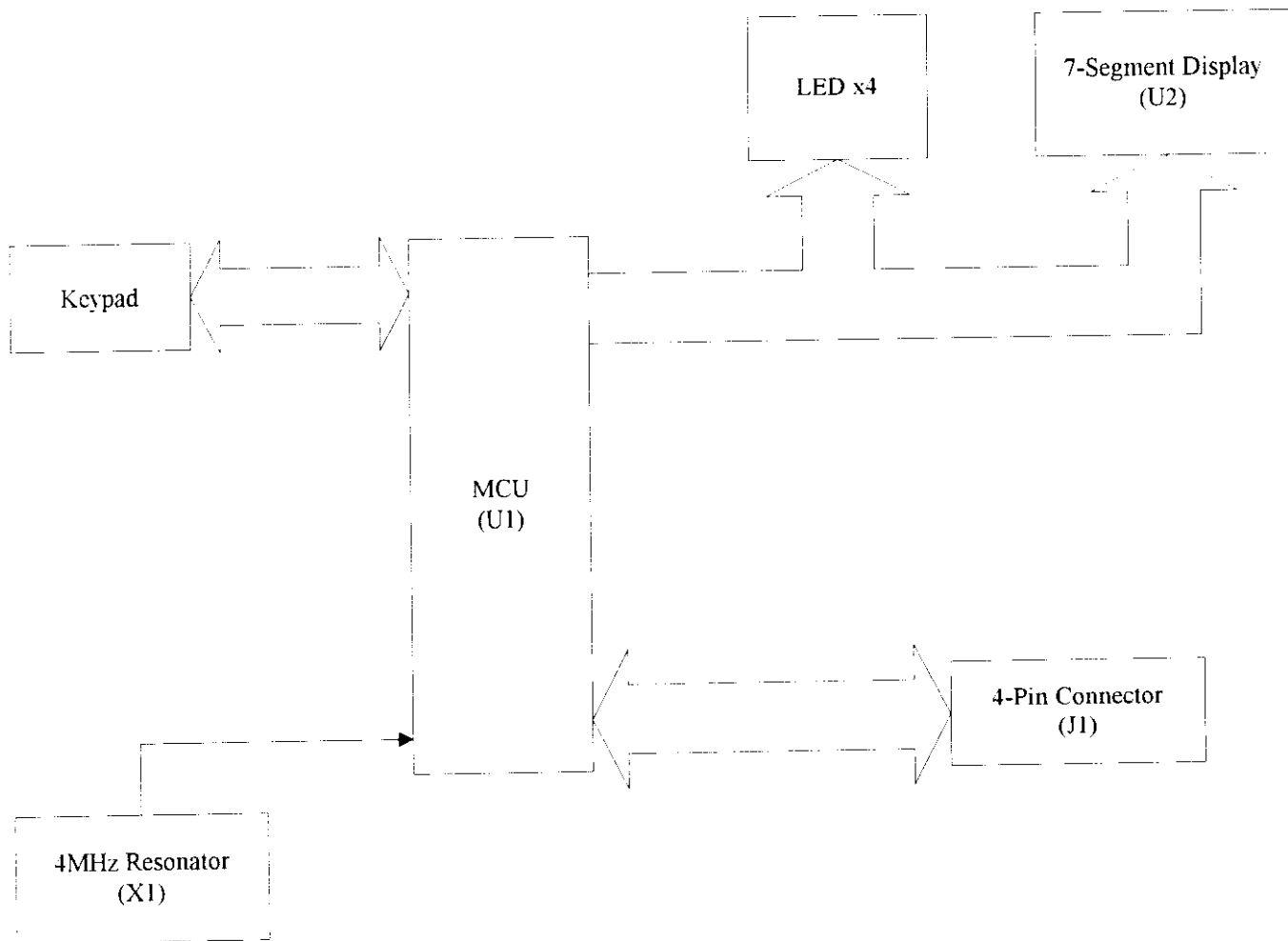
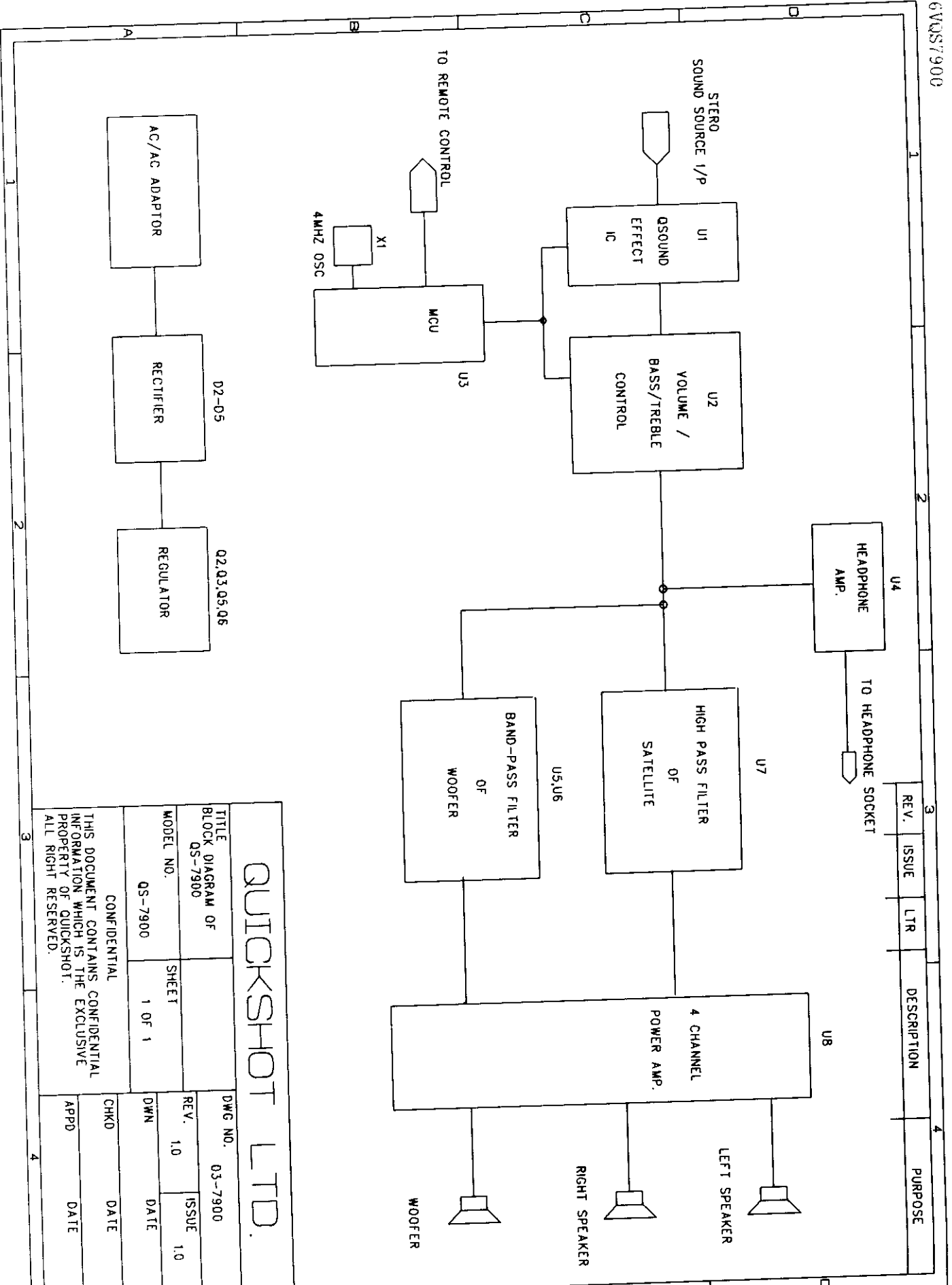


Functional Block Diagram of QS7900 Main Unit

1. Qsound effect IC (U1)
To process input sound source with Qsound mode.or normal Stereo mode.
2. Volume/Bass/Treble control (U2)
Control the volume,bass,treble through MCU (U3)
3. MCU (U3)
Update and corresponding setting from the remote control and respect to the speaker unit.
4. 4MHZ OSC (X1)
It provides reference timing to the MCU.
5. Headphone Amp. (U4)
It is a small power amp. For headphone .
6. High pass filter of Satellite (U7)
Only let the mid to high frequency to satellite. Amp.
7. Bass-pass filter (U5,U6)
Only let the range of low frequency to woofer amp.
8. 4 channel Power Amp. (U8)
Using 2 of 4 channel for satellite left and satellite right channel. Using other 2 channel to build up a bridge amp for woofer amp.

Functional Block Diagram of QS7900 Remote Unit





QUICKSHOT LTD.

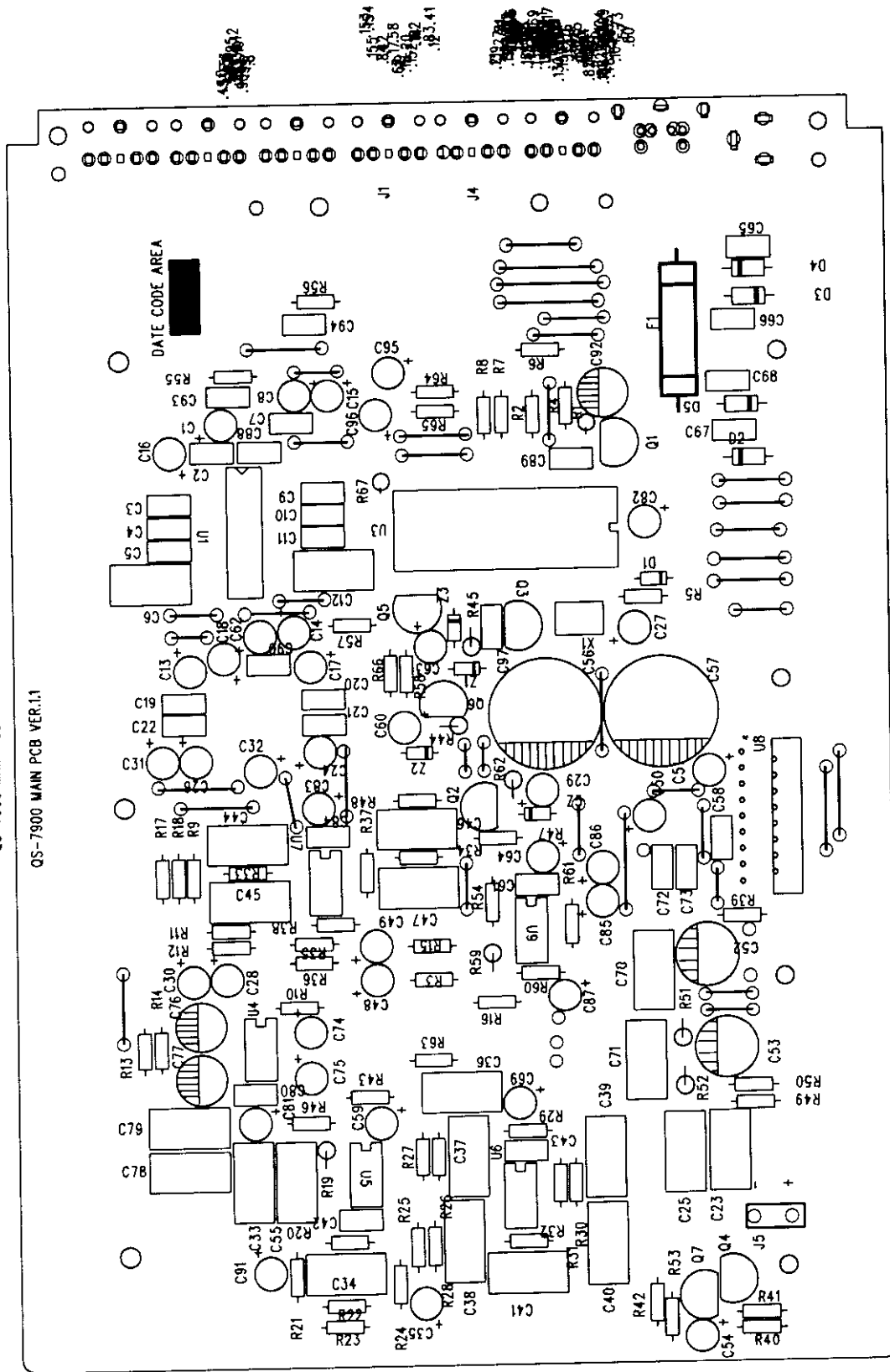
TITLE		DWG NO.	
BLOCK DIAGRAM OF		03-7900	
QS-7900			
MODEL NO.	SHEET		
QS-7900	1 OF 1		

CONFIDENTIAL		CHKD	DATE
THIS DOCUMENT CONTAINS CONFIDENTIAL		APPD	DATE
INFORMATION WHICH IS THE EXCLUSIVE			
PROPERTY OF QUICKSHOT.			
ALL RIGHT RESERVED.			

SCALE 1:1

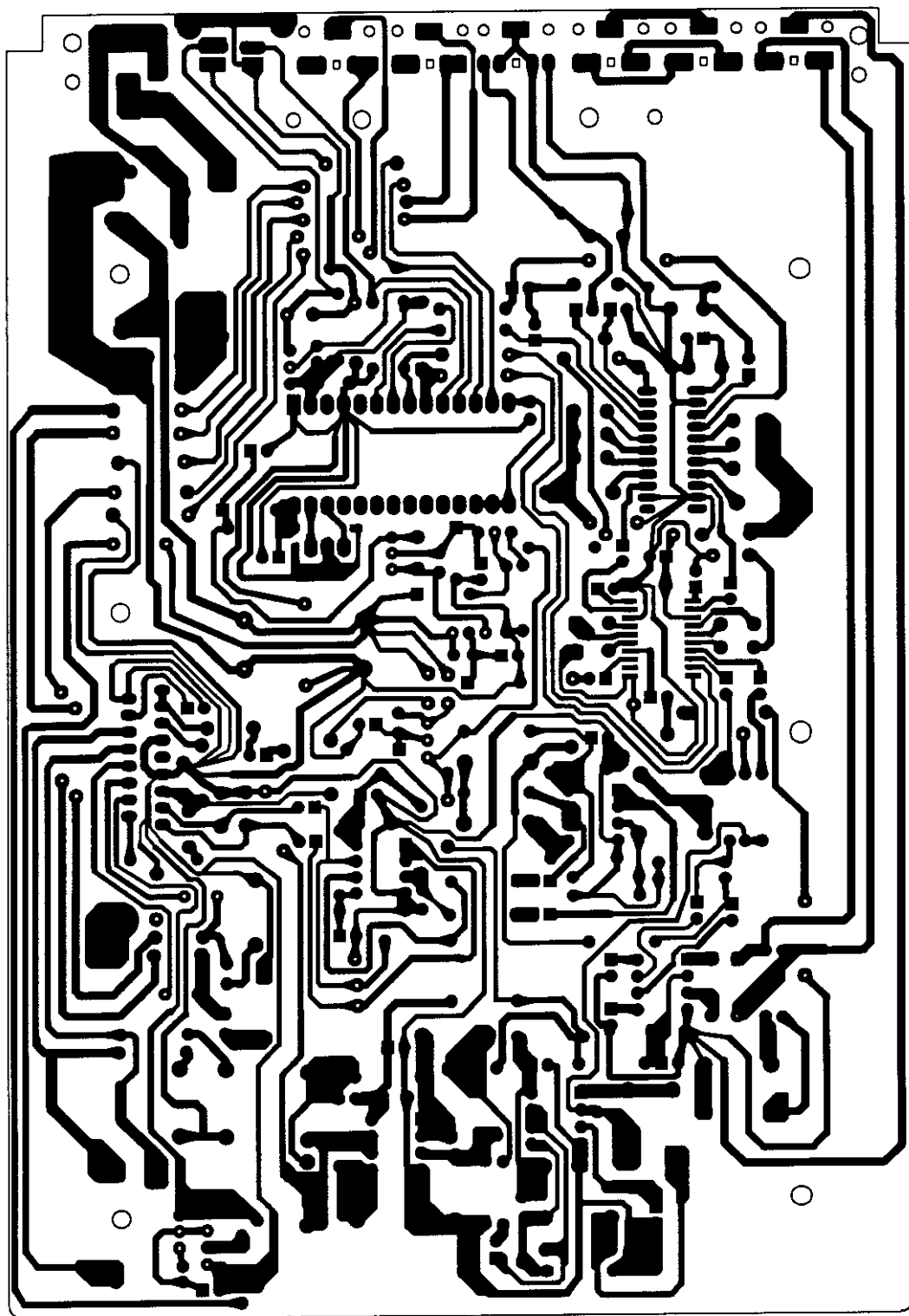
QS-7900 MAIN PCB VER.1.1

QS-7900 MAIN PCB VER.1.1



QS-7900 Main PCB Layer 1

07/00/00/

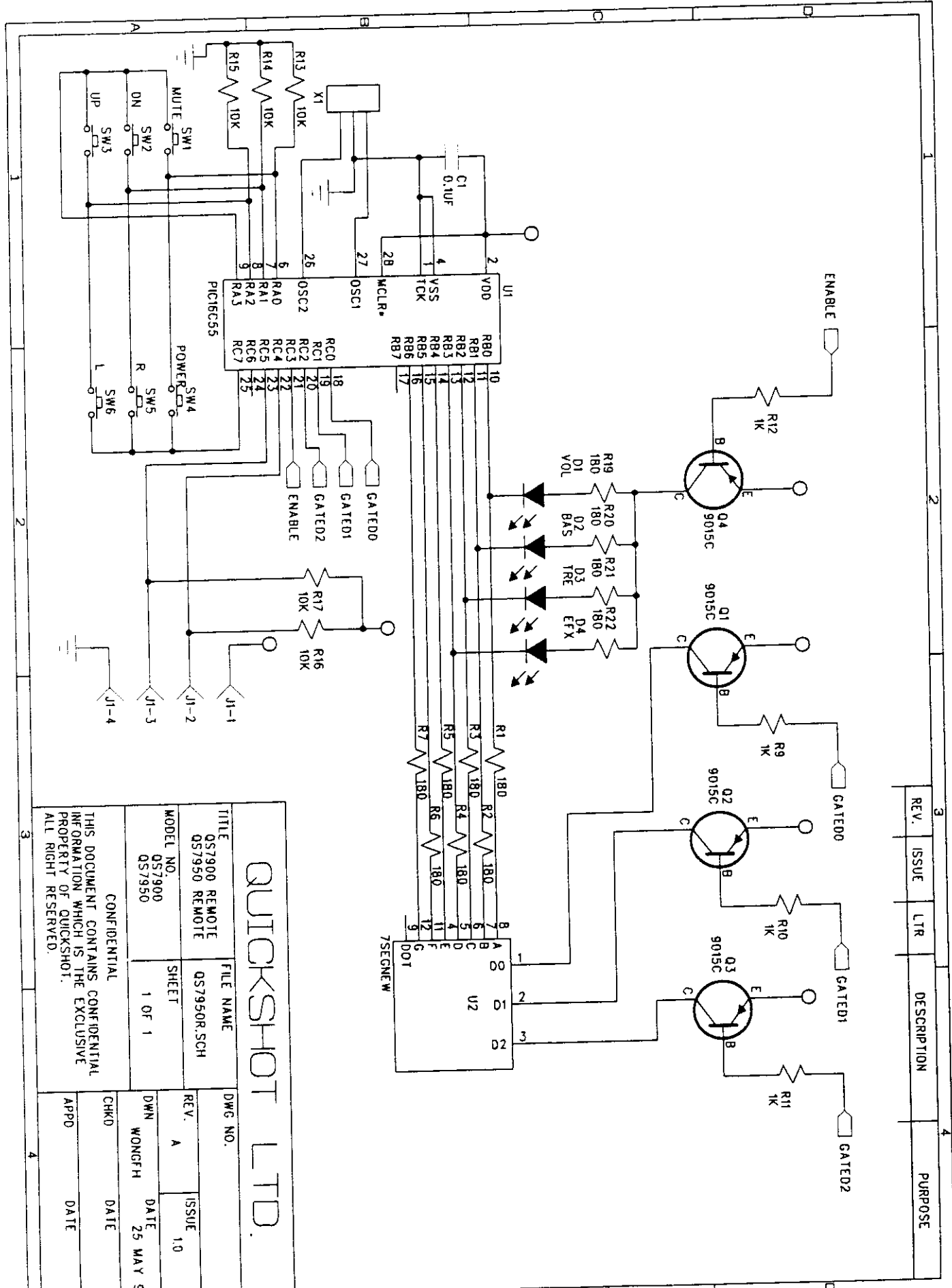


11 31A22

11 31A22 PCB MAN 0087-20

00000/

FCC ID: A6VQS7900



REV.	ISSUE	LTR	DESCRIPTION	PURPOSE

QUICKSHOT LTD.		DWG. NO.	
TITLE		FILE NAME	
QS7900 REMOTE		QS7950R.SCH	
MODEL NO.		SHEET	
QS7900		1 OF 1	
CONFIDENTIAL		DATE	
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH IS THE EXCLUSIVE PROPERTY OF QUICKSHOT.		25 MAY 90	
ALL RIGHT RESERVED.		DATE	
APPO		DATE	

Part list of QS7900 Remote Unit:

1740047

Item	MC ID	Description	Usage	Reference
1.		Ceramic Capacitor	1	C1
2.		4-Wire Cable	1	J1-1 - J1-4
3.		PIC16C55-XT/P	1	U1
4.		LED 3mm Red	4	D1 - D4
5.		LED 7-Segment x 3 Green	1	U2
6.		Resistor 180 ohm 1/8W +/- 5%	11	R1 - R7 R19 - R22
7.		Resistor 1k ohm 1/8W +/- 5%	4	R9 - R12
8.		Resistor 10k ohm 1/8W +/- 5%	5	R13 - R17
9.		Resonator 4MHz	1	X1
10.		Rubber Pad	1	SW1 - SW6
11.		Transistor 9015C	4	Q1 - Q4

1. MCU (U1)

The controller is the core of QS7900 Remote Unit. It responds to the keypad action for the operation of the Speaker Unit through a cable, and update the corresponding setting with respect to the Speaker Unit.

2. Resonator (X1)

It provides reference timing to the MCU.

3. LED

Indicates the mode of operation on the 7-segment Display

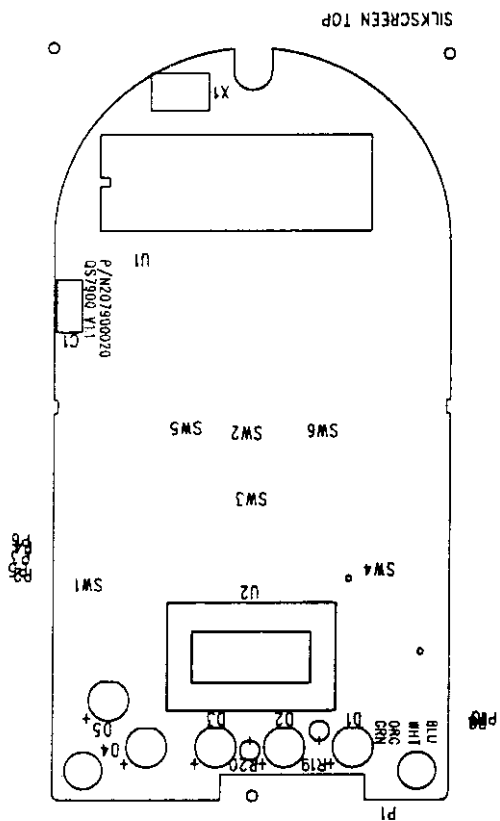
4. 7-Segment Display (U2)

Displays the current volume/level setting.

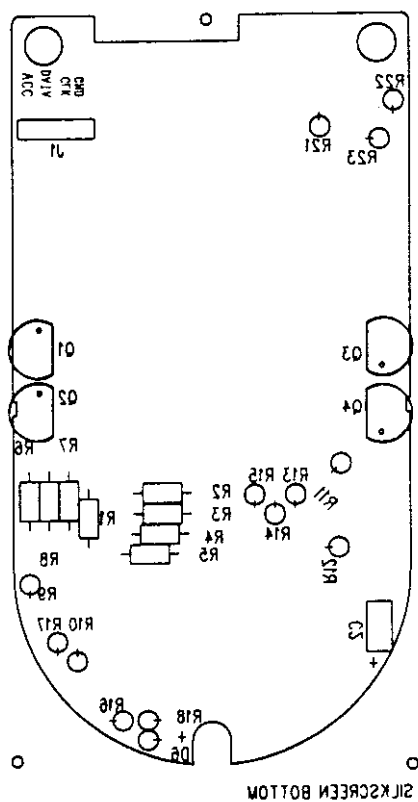
5. 4-Pin Connector (J1)

Carries the control signal from Remote Unit to Speaker Unit.

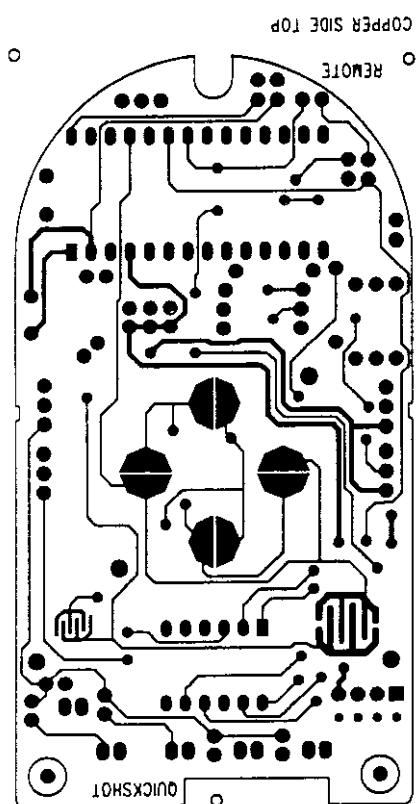
2-4-0041



AS New Remote unit per layer



FCC ID: N6VQS7900



2005/1

FCC ID: N6VQS7900

COBBLE SIDE BOTTOM

