

Model 9022 with Caller ID Technical Description

Base Description:

Protect circuit: The SAS271KD07 is used to protect circuit.

Ring Detect: LM324 is used to detect the Ring Signal.

Relay: The 700 ohm Relay is used take and release the line.

Line Interface : The line transformer is used.

MCU: The MCU is used to control the line interface, Charge, Ring Detect, RF Compo chip and RSSI detect.

900MHz RF Module: AN8953FA is used, which consisted of transmitter and receiver.

Voltage regulator: LM7805 is used to regulate the voltage.

Handset Description:

MCU: The MCU is used to control the Keyboard, Buzzer, Charge Detect, Ringing, RF Compo chip and RSSI detect.

900MHz RF Module: AN8953FA is used, which consisted of transmitter and receiver.

2. Testing Mode Descriptions

2.1. 40 Channels Sequencing Table in Test Mode

Channel	Base (MHz)		Handset (MHz)	
	Tx	Local Osc.	Tx	Local Osc.
1	902.60	936.40	925.70	891.90
40	904.55	938.35	927.65	893.85
39	904.50	938.30	927.60	893.80
38	904.45	938.25	927.55	893.75
37	904.40	938.20	927.50	893.70
36	904.35	938.15	927.45	893.65
35	904.30	938.10	927.40	893.60
34	904.25	938.05	927.35	893.55
33	904.20	938.00	927.30	893.50
32	904.15	937.95	927.25	893.45
31	904.10	937.90	927.20	893.40
30	904.05	937.85	927.15	893.35
29	904.00	937.80	927.10	893.30
28	903.95	937.75	927.05	893.25
27	903.90	937.70	927.00	893.20
26	903.85	937.65	926.95	893.15
25	903.80	937.60	926.90	893.10
24	903.75	937.55	926.85	893.05
23	903.70	937.50	926.80	893.00
22	903.65	937.45	926.75	892.95
21	903.60	937.40	926.70	892.90
20	903.55	937.35	926.65	892.85
19	903.50	937.30	926.60	892.80
18	903.45	937.25	926.55	892.75
17	903.40	937.20	926.50	892.70
16	903.35	937.15	926.45	892.65
15	903.30	937.10	926.40	892.60
14	903.25	937.05	926.35	892.55
13	903.20	937.00	926.30	892.50
12	903.15	936.95	926.25	892.45
11	903.10	936.90	926.20	892.40
10	903.05	936.85	926.15	892.35
9	903.00	936.80	926.10	892.30
8	902.95	936.75	926.05	892.25
7	902.90	936.70	926.00	892.20
6	902.85	936.65	925.95	892.15
5	902.80	936.60	925.90	892.10
4	902.75	936.55	925.85	892.05
3	902.70	936.50	925.80	892.00
2	902.65	936.45	925.75	891.95