

TL9012 Technical Description

Base description :

Protect circuit : The SAS271KD07 is used to protect circuit.

Ring detect : The LM324 is used to detect the Ring signal.

Relay : The Relay is used take and realise the line.

Line inter face : The line transform is used line inter face.

MCU: The MCU is used to control the line interface , Tx ,Rx , RSSI, Charge
Ring detect and compressor.

900Mhz RF module : It is consisted of transmitter and receiver.

Voltage regulator : The 7805 is used to voltage regulator.

Compressor : The DBL5015 is used the Compressor and expandor.

De-Modulation : The TA31161FN is used to de- Modulation.

Handset description:

MCU : The MCU is used to control the Keyboard, Buzzer, Charge detect
Tx, RX and compressor.

Compressor : The DBL5015 is used the compressor and expandor.

900Mhz RF module : It is consisted of transmitter and receiver.

De-Modulation : The TA31161FN is used to de- Modulation.

9012 FREQUENCY TABLE

Ref. Osc.(MHz)	4 1st IF (M		10.7	8 1st IF (M		10.7
Ref. Freq(kHz)	12.5	12.5		12.5	12.5	
Ref. Divider	320			640		

Channe	H/S Tx	H/S L	Tx Divide	Rx Divide	B/U Tx	B/U L	Tx Divide	Rx Divide
	(MHz)	(MHz)			(MHz)	(MHz)		
1	925.70	891.90	37028.00	35676.00	902.60	936.40	36104.00	37456.00
2	925.75	891.95	37030.00	35678.00	902.65	936.45	36106.00	37458.00
3	925.80	892.00	37032.00	35680.00	902.70	936.50	36108.00	37460.00
4	925.85	892.05	37034.00	35682.00	902.75	936.55	36110.00	37462.00
5	925.90	892.10	37036.00	35684.00	902.80	936.60	36112.00	37464.00
6	925.95	892.15	37038.00	35686.00	902.85	936.65	36114.00	37466.00
7	926.00	892.20	37040.00	35688.00	902.90	936.70	36116.00	37468.00
8	926.05	892.25	37042.00	35690.00	902.95	936.75	36118.00	37470.00
9	926.10	892.30	37044.00	35692.00	903.00	936.80	36120.00	37472.00
✓ 10	926.15	892.35	37046.00	35694.00	903.05	936.85	36122.00	37474.00
11	926.20	892.40	37048.00	35696.00	903.10	936.90	36124.00	37476.00
12	926.25	892.45	37050.00	35698.00	903.15	936.95	36126.00	37478.00
13	926.30	892.50	37052.00	35700.00	903.20	937.00	36128.00	37480.00
14	926.35	892.55	37054.00	35702.00	903.25	937.05	36130.00	37482.00
15	926.40	892.60	37056.00	35704.00	903.30	937.10	36132.00	37484.00
16	926.45	892.65	37058.00	35706.00	903.35	937.15	36134.00	37486.00
17	926.50	892.70	37060.00	35708.00	903.40	937.20	36136.00	37488.00
18	926.55	892.75	37062.00	35710.00	903.45	937.25	36138.00	37490.00
19	926.60	892.80	37064.00	35712.00	903.50	937.30	36140.00	37492.00
20	926.65	892.85	37066.00	35714.00	903.55	937.35	36142.00	37494.00
21	926.70	892.90	37068.00	35716.00	903.60	937.40	36144.00	37496.00
22	926.75	892.95	37070.00	35718.00	903.65	937.45	36146.00	37498.00
23	926.80	893.00	37072.00	35720.00	903.70	937.50	36148.00	37500.00
24	926.85	893.05	37074.00	35722.00	903.75	937.55	36150.00	37502.00
25	926.90	893.10	37076.00	35724.00	903.80	937.60	36152.00	37504.00
26	926.95	893.15	37078.00	35726.00	903.85	937.65	36154.00	37506.00
27	927.00	893.20	37080.00	35728.00	903.90	937.70	36156.00	37508.00
28	927.05	893.25	37082.00	35730.00	903.95	937.75	36158.00	37510.00
29	927.10	893.30	37084.00	35732.00	904.00	937.80	36160.00	37512.00
30	927.15	893.35	37086.00	35734.00	904.05	937.85	36162.00	37514.00
31	927.20	893.40	37088.00	35736.00	904.10	937.90	36164.00	37516.00
32	927.25	893.45	37090.00	35738.00	904.15	937.95	36166.00	37518.00
33	927.30	893.50	37092.00	35740.00	904.20	938.00	36168.00	37520.00
✓ 34	927.35	893.55	37094.00	35742.00	904.25	938.05	36170.00	37522.00
35	927.40	893.60	37096.00	35744.00	904.30	938.10	36172.00	37524.00
36	927.45	893.65	37098.00	35746.00	904.35	938.15	36174.00	37526.00
37	927.50	893.70	37100.00	35748.00	904.40	938.20	36176.00	37528.00
38	927.55	893.75	37102.00	35750.00	904.45	938.25	36178.00	37530.00
39	927.60	893.80	37104.00	35752.00	904.50	938.30	36180.00	37532.00
40	927.65	893.85	37106.00	35754.00	904.55	938.35	36182.00	37534.00