

Model CS-2250

Technical Description

Base Description:

Varistor -protect circuit: The CSP301M is used to protect circuit.

Ring detect: DBL393 is used to detect the ring signal.

Photocouplers Used TC521 to interface between circuits with different ground potentials, replace isolation transformers and electromagnetic relays.

MCU: The MCU is used to control the line interface, Charge, Ring Detect, RF PLL and LOW BATTERY detect.

2400MHz RF Module: KA3361B and KB8825B are used, which consisted of transmitter and receiver.

Voltage regulator: KA7805 is used to regulate the voltage.

Antenna: It is using an inside 50ohm antenna, it permanently attached on RF module.

Handset Description:

MCU: The MCU is used to control the keyboard, Buzzer, Charge Detect, Ringing, RF PLL and LOW BATTERY detect.

2400MHz RF Module: KA3361B and KB8825B are used, which consisted of transmitter and receiver.

Antenna: It is using an inside 50ohm antenna, it permanently attached on RF module.

2.4GHz FREQUENCY TABLE

CH NO	BASE				HANDSET			
	RX	RX LOCAL	TX	TX LOCAL	RX	RX LOCAL	TX	TX LOCAL
CH 1	2474.000000	828.233333	2403.050000	801.016667	2403.050000	797.450000	2474.000000	824.866667
CH 2	2474.050000	828.250000	2403.100000	801.033333	2403.100000	797.466667	2474.050000	824.883333
CH 3	2474.100000	828.266667	2403.150000	801.050000	2403.150000	797.483333	2474.100000	824.900000
CH 4	2474.150000	828.283333	2403.200000	801.066667	2403.200000	797.500000	2474.150000	824.916667
CH 5	2474.200000	828.300000	2403.250000	801.083333	2403.250000	797.516667	2474.200000	824.933333
CH 6	2474.250000	828.316667	2403.300000	801.100000	2403.300000	797.533333	2474.250000	824.950000
CH 7	2474.300000	828.333333	2403.350000	801.116667	2403.350000	797.550000	2474.300000	824.966667
CH 8	2474.350000	828.350000	2403.400000	801.133333	2403.400000	797.566667	2474.350000	824.983333
CH 9	2474.400000	828.366667	2403.450000	801.150000	2403.450000	797.583333	2474.400000	825.000000
CH 10	2474.450000	828.383333	2403.500000	801.166667	2403.500000	797.600000	2474.450000	825.016667
CH 11	2474.500000	828.400000	2403.550000	801.183333	2403.550000	797.616667	2474.500000	825.033333
CH 12	2474.550000	828.416667	2403.600000	801.200000	2403.600000	797.633333	2474.550000	825.050000
CH 13	2474.600000	828.433333	2403.650000	801.216667	2403.650000	797.650000	2474.600000	825.066667
CH 14	2474.650000	828.450000	2403.700000	801.233333	2403.700000	797.666667	2474.650000	825.083333
CH 15	2474.700000	828.466667	2403.750000	801.250000	2403.750000	797.683333	2474.700000	825.100000
CH 16	2474.750000	828.483333	2403.800000	801.266667	2403.800000	797.700000	2474.750000	825.116667
CH 17	2474.800000	828.500000	2403.850000	801.283333	2403.850000	797.716667	2474.800000	825.133333
CH 18	2474.850000	828.516667	2403.900000	801.300000	2403.900000	797.733333	2474.850000	825.150000
CH 19	2474.900000	828.533333	2403.950000	801.316667	2403.950000	797.750000	2474.900000	825.166667
CH 20	2474.950000	828.550000	2404.000000	801.333333	2404.000000	797.766667	2474.950000	825.183333
CH 21	2475.000000	828.566667	2404.050000	801.350000	2404.050000	797.783333	2475.000000	825.200000
CH 22	2475.050000	828.583333	2404.100000	801.366667	2404.100000	797.800000	2475.050000	825.216667
CH 23	2475.100000	828.600000	2404.150000	801.383333	2404.150000	797.816667	2475.100000	825.233333
CH 24	2475.150000	828.616667	2404.200000	801.400000	2404.200000	797.833333	2475.150000	825.250000
CH 25	2475.200000	828.633333	2404.250000	801.416667	2404.250000	797.850000	2475.200000	825.266667
CH 26	2475.250000	828.650000	2404.300000	801.433333	2404.300000	797.866667	2475.250000	825.283333
CH 27	2475.300000	828.666667	2404.350000	801.450000	2404.350000	797.883333	2475.300000	825.300000
CH 28	2475.350000	828.683333	2404.400000	801.466667	2404.400000	797.900000	2475.350000	825.316667
CH 29	2475.400000	828.700000	2404.450000	801.483333	2404.450000	797.916667	2475.400000	825.333333
CH 30	2475.450000	828.716667	2404.500000	801.500000	2404.500000	797.933333	2475.450000	825.350000
CH 31	2475.500000	828.733333	2404.550000	801.516667	2404.550000	797.950000	2475.500000	825.366667
CH 32	2475.550000	828.750000	2404.600000	801.533333	2404.600000	797.966667	2475.550000	825.383333
CH 33	2475.600000	828.766667	2404.650000	801.550000	2404.650000	797.983333	2475.600000	825.400000
CH 34	2475.650000	828.783333	2404.700000	801.566667	2404.700000	798.000000	2475.650000	825.416667
CH 35	2475.700000	828.800000	2404.750000	801.583333	2404.750000	798.016667	2475.700000	825.433333
CH 36	2475.750000	828.816667	2404.800000	801.600000	2404.800000	798.033333	2475.750000	825.450000
CH 37	2475.800000	828.833333	2404.850000	801.616667	2404.850000	798.050000	2475.800000	825.466667
CH 38	2475.850000	828.850000	2404.900000	801.633333	2404.900000	798.066667	2475.850000	825.483333
CH 39	2475.900000	828.866667	2404.950000	801.650000	2404.950000	798.083333	2475.900000	825.500000
CH 40	2475.950000	828.883333	2405.000000	801.666667	2405.000000	798.100000	2475.950000	825.516667