

RF75 user manual

1. Bank1 SPI setting

RF75 bank1 setting is same with RF73.

To use RF73 bank 1 setting, RF75 can work properly. In order to achieve better performance, pls use the following setting.

Bank1 Address (Hex)	250KHz	1MHz	2MHz
00	Reserved	Reserved	Reserved
01	Reserved	Reserved	Reserved
02	Reserved	Reserved	Reserved
03	Reserved	Reserved	Reserved
04	0xDB8A96F9	0x1B8296F9	0xDB8296F9
05	0xB60F0624	0xA60F0624	0xB60F0624
06	Reserved	Reserved	Reserved
07	Reserved	Reserved	Reserved
08	Reserved	Reserved	Reserved
09	Reserved	Reserved	Reserved
0A	Reserved	Reserved	Reserved
0B	Reserved	Reserved	Reserved
0C	0x00127300	0x00127300	0x00127300
0D	0x36B48000	0x36B48000	0x36B48000
0E	0x 412008048120CFF7FEFFFF	0x 412008048120CFF7FEFFFF	0x 412008048120CFF7FEFFFF

2. TX output power setting

RF75 TX output setting is different with RF73, RF75 setting is below:

Bank1.Reg4<29:27>	Bank0.Reg6<2:1>	TX Power(dBm)
7	3	4
0	3	-1
0	2	-7
2	1	-12
3	1	-12
0	1	-18
3	0	-18
0	0	-25
Others Value		-1

3. RSSI Threshold

RF75 RSSI threshold couldn't be adjusted.

	250KHz	1MHz	2MHz
RSSI Threshold(dBm)	-84	-80	-67

4. 5V IO operation

In some applications, MCU IO logic level is higher than RF75 voltage. For example, when RF75 voltage is 3.3V, and MCU IO logic level, pls connect 2kohm resistor with each of SCK, CE,CSN, MOSI pin.

5. application schematics

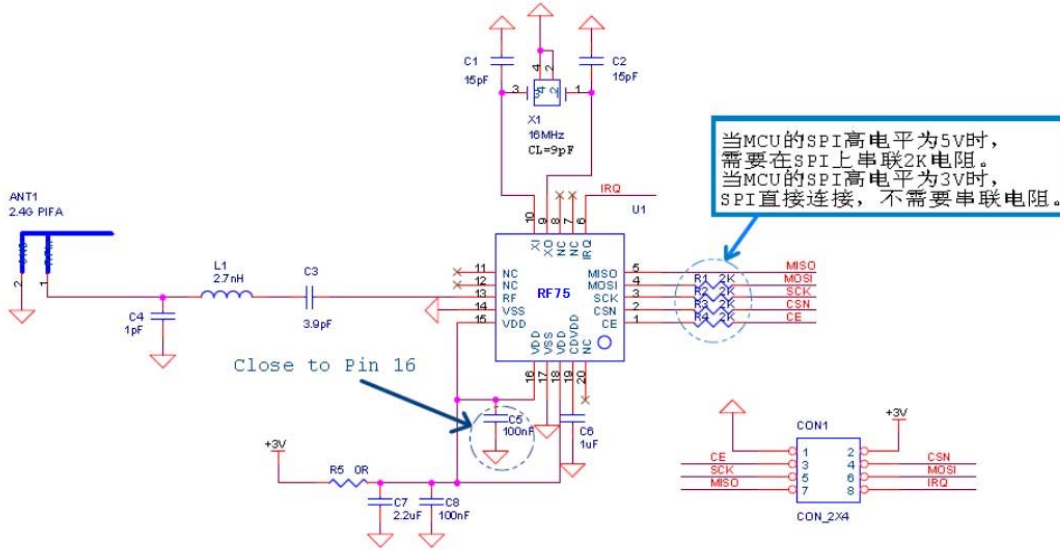


Fig 1 RF75 Application schematic

6. Contact Information

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