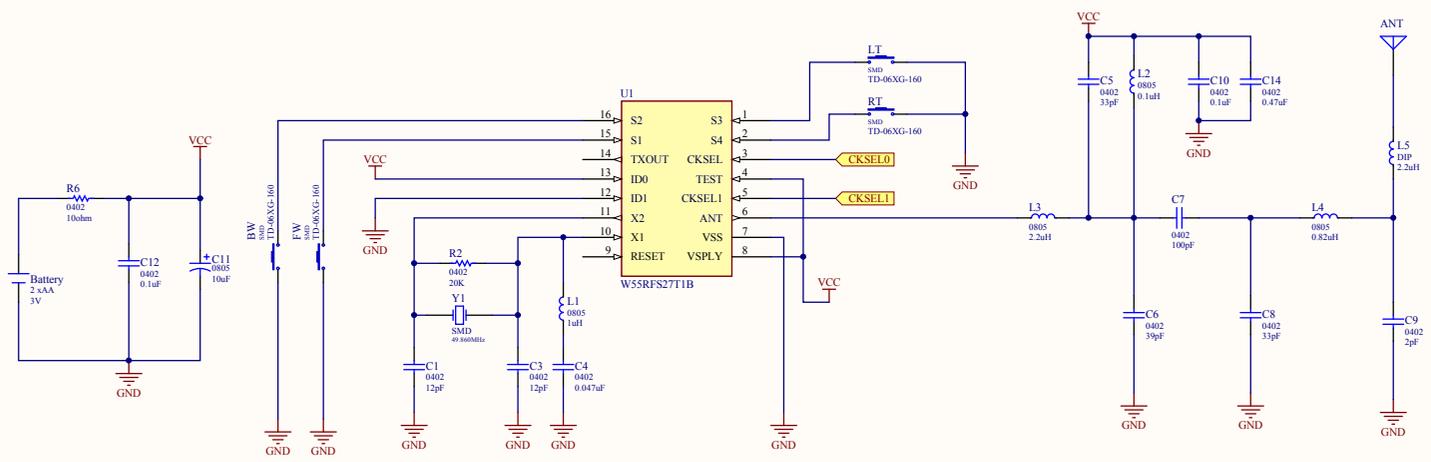


SHORT	Frequency
J3 J4	27.145MHz
J2 J4	40.685MHz
J1 J2	49.860MHz

Shorte J1,J2



	C1	C3	Y1	L1	C4	L3	C5	L2	C6	C7	C8	L4	C9	L5
27MHz	27P	27P	27.145MHz	N/A	N/A	1.5uH	68P	0.27uH	56P	68P	10P	0.82uH	N/A	8.2uH
40MHz	15P	15P	40.685MHz	2.2uH	0.047uF	1uH	39P	0.15uH	30P	100P	56P	1.0uH	N/A	3.9uH
49MHz	12P	12P	49.860MHz	1uH	0.047uF	2.2uH	33P	0.1uH	39P	100P	33P	0.82uH	2P	2.2uH

TX:49MHz

- ID1 : ID0 = 0 0 = Data rate = 2.5KBPS
- ID1 : ID0 = 0 1 = Data rate = 1.25KBPS
- ID1 : ID0 = 1 0 = Data rate = 0.625KBPS
- ID1 : ID0 = 1 1 = CPU mode

Standard Common part for master

Capacitor (1st priority)	
No:	Part Value
1	10PF chip 50v +80-20% SMD 0603
2	20pF chip 50v +80-20% SMD 0603
3	25pF chip 50v +80-20% SMD 0603
4	1000pF chip 50v +80-20% SMD 0603
5	0.1uF chip 50V +80-20% Y5V, 50V SMD0603
	0.1uF 25V +80-20% Y5V, PKG: Ceramic dia 6mm x 3.5
6	0.033uF 25V_Y5V_PKG: dia 4mm x 3.5
7	10uF 25V +/-20% AL EL PKG:5x11mm
8	47uF 25V +/-20% AL EL PKG:5x11mm
9	100uF 25V +/-20% AL EL PKG:5x11mm
10	220uF 25V +/-20% AL EL PKG:5x11mm
Resistor:	
1	10 ohm +/-5% 0603
2	100 ohm +/-5% 0603
3	1K ohm +/-5% 0603
4	4.7Kohm +/-5% 0603
5	10k ohm +/-5% 0603
6	47k ohm +/-5% 0603
7	100kohm +/-5% 0603
8	220k ohm +/-5% 0603
9	1M ohm +/-5% 0603
10	2.2M ohm +/-5% 0603
Diode:	
1	IN4001PKG: DO-41 50V
2	IN4148 PKG: DO-35 50V
3	IN5817: DO-41 50V
4	BAT54 SOT23 30V
Transistor	
1	S8050DNP (1.5A)SOT-23.V: 40; W: 0.3;
2	S8550D PNP(1.5A)SOT-23.V: 40; W: 0.3;
3	S9014D NPN (1.5A)SOT-23.V: 40; W: 0.3;
4	B772 PNP A: 3; V: 40; Max. W: 1.25; PKG: TO-126;
5	D882 NPN A: 3; V: 40; Max. W: 1.25; PKG: TO-126;
Inductor	
1	Choke Coil DESC: 5.6uH 10% 1/2W
PTC	
1	MF-R400-0-99

Non Standard parts Guide Line (2nd priority)
 Using E3 value for resistor, capacitor and inductor
 Standard IEC E3 Decade Value = 100, 220 & 470

Non Standard parts Guide Line (3rd priority)
 Using E6 value for resistor, capacitor and inductor
 Standard IEC E6 Decade value = 100, 150, 220, 330, 470 & 680



TEST MODE:	REMARKS:	IC information: 1.operating voltage:2.2V-5.5V 2.Standby current is 1uA 3.DATA rate is 1.25kbs	History
1	2	3	4

Size A3	Number W6459	Project Name: RC HW 6V BMW WHITE	Revision R0
Date: 12/12/2011	Sheet of		
File : D:\model\RC\mod\by mod\W6456\W6459\W6459 SCh 49MHz TX SchDoc			