



SHORT	Frequency	ID1 : ID0 = 0 0 = Data rate = 2.5KBPS
J3 J4	27.145MHz	ID1 : ID0 = 0 1 = Data rate = 1.25KBPS
J2 J4	40.685MHz	ID1 : ID0 = 1 0 = Data rate = 0.625KBPS
J1 J2	49.860MHz	ID1 : ID0 = 1 1 = CPU mode

TX:27M

Standard Common part for master

Capacitor (1st priority)

No:	Part Value	Qty for update SCH
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

Transistor

1	S8050NPN (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
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PTC

1	MF-R400-0-99
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Diode:

1	IN5817: DO-41 50V
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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

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Size	Number	Project Name	Revision
A3	X7272	RC CAR'S 2 EF DRIVER	R0
Date	1/12/2012	MCQUEEN REFRESH	Sheet of
File : C:\Documents and Settings\hbruce1\Desktop\X7271 FCC & RSS-310 document\X7271 TX sch 27M SchDoc			

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