



27 Mhz only

27.145MHz

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	1N5817: 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
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PTC

1	MF-R400-0-99
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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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TEST MODE:

REMARKS:

IC information:

History

Size	Number	Project Name	Revision
A3	BHX87	My First Car	R0
MAPS EngineerChin			
Date:	1/16/2014	Sheet of	1
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