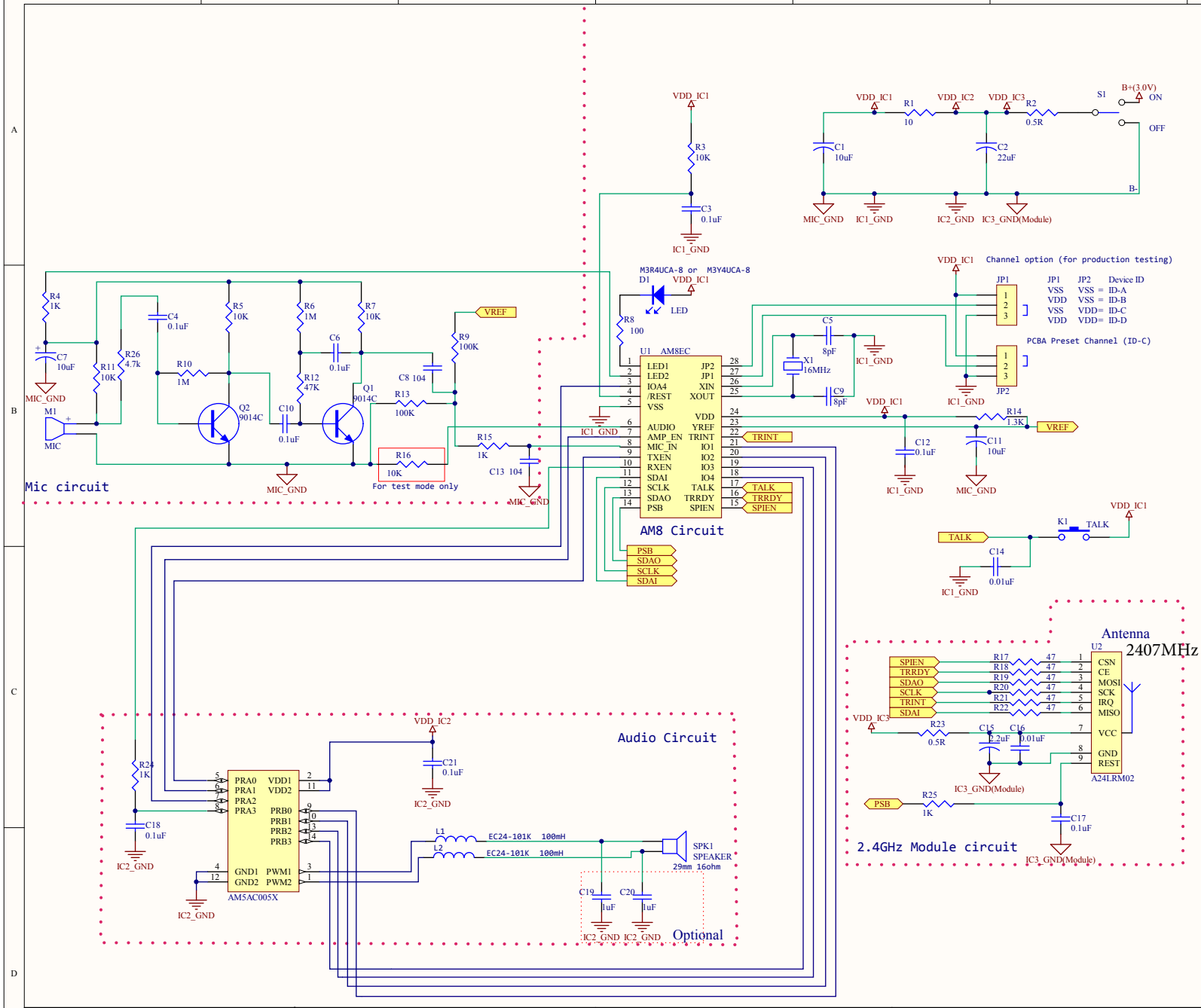

Standard Common part for master

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 ELPKG: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	S8050DNPN (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	
Diode:		
1	1N5817: DO-41 50V	
Resistor:		
1	2M+/-5% 0603	
2	5.1M+/-5% 0603	
3	200R+/-5% 0603	
4	2K+/-5% 0603	

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:	History

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Size	Number	Project Name :	Revision
A3	DNH03	DCSHG Communicator	R10
	MAPS Engineer : Humphrey Lei		
Date : 25/2/2016		Sheet of	
File : G:\project\2015\Mattel\DNH03 Walkie Talkie\DNH03 Spandex Communicator (AM5AC) R10a 20160225.SchDoc			