

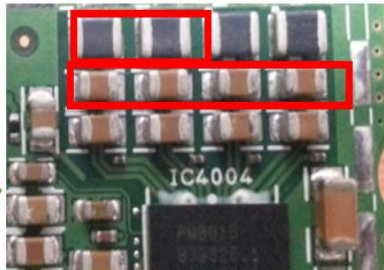
HW Change Description

Project: TUV M01IU-G, TUV M01IU-R, TUV P01IU-G, TUV P01IU-R	Date: 2016-03-03
Reference: n/a	Company : LG Electronics Inc.

HW REVISION HISTORY		
Date	Version Name	Authors
2014-06-23	Rev.D	Goangman.lee
2014-07-01	Rev.D1	Goangman.lee
2014-08-11	Rev.E	Sung il Jeon
2014-10-21	Rev.F	Sung il Jeon
2014-11-25	Rev.G	Sung il Jeon
2015-03-04	Rev.H	HungJun Park
2016-01-12	Rev.H(2.6)	Sung il Jeon

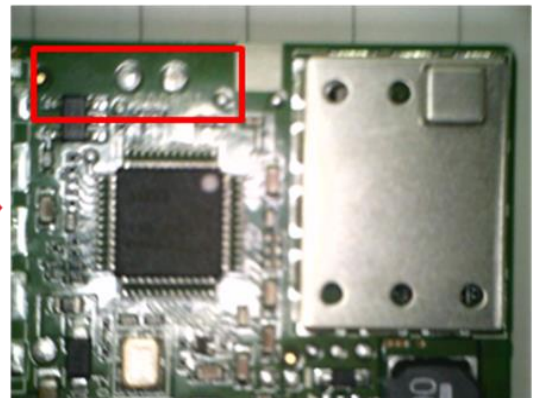
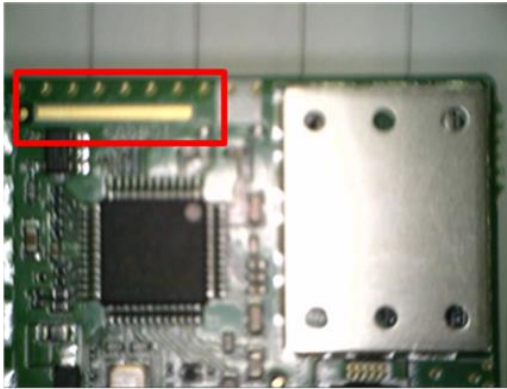
Name : Jaewoo Choi
Title : Senior Research Engineer
e-Mail : jw.choi@lge.com
Signature :



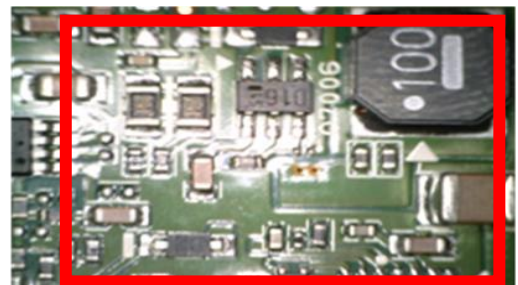
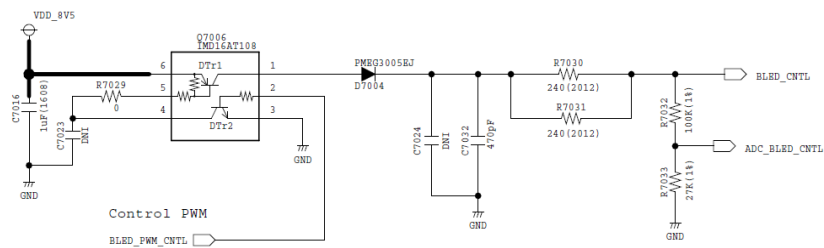
Version Name	Description																					
Rev.D	Initial Version																					
Rev.D1	   <table><tr><th>Ref.</th><th>L4002</th><th>L4004</th><th>C4035</th><th>C4036</th><th>C4038</th><th>C4040</th></tr><tr><td>Before</td><td>4.7uH</td><td>4.7uH</td><td>10uF</td><td>10uF</td><td>10uF</td><td>10uF</td></tr><tr><td>After</td><td>2.2uH</td><td>2.2uH</td><td>22uF</td><td>22uF</td><td>22uF</td><td>22uF</td></tr></table> PMIC RF output voltage Series Inductor 2points and Shunt cap 4points Value change for power noise suppression	Ref.	L4002	L4004	C4035	C4036	C4038	C4040	Before	4.7uH	4.7uH	10uF	10uF	10uF	10uF	After	2.2uH	2.2uH	22uF	22uF	22uF	22uF
Ref.	L4002	L4004	C4035	C4036	C4038	C4040																
Before	4.7uH	4.7uH	10uF	10uF	10uF	10uF																
After	2.2uH	2.2uH	22uF	22uF	22uF	22uF																
Rev.E	Shield can Geometry Change																					

Rev.F

1. Additional TEST Points for Mass Production

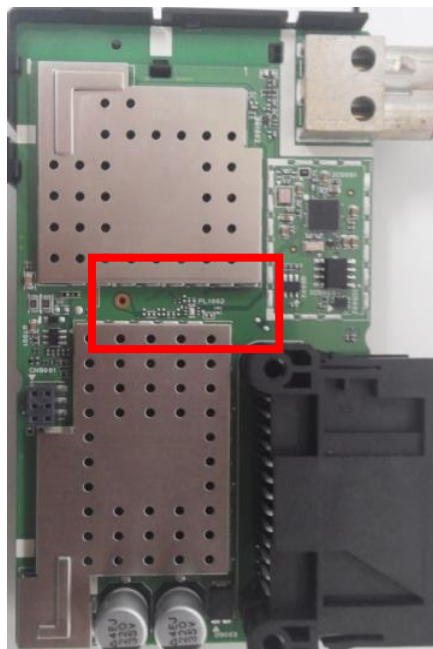


2. Added LED Backlight Circuit for Button Backlight

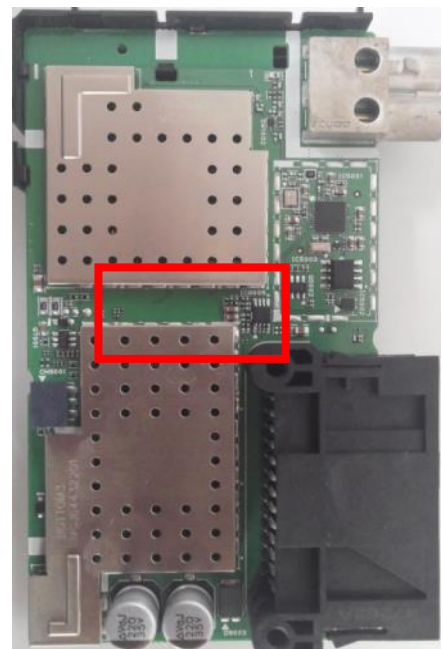
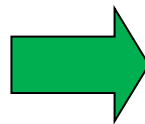


Rev.G

1. Added Audio Amp Circuit for Audio Quality after remove GPS PATCH Antenna path.

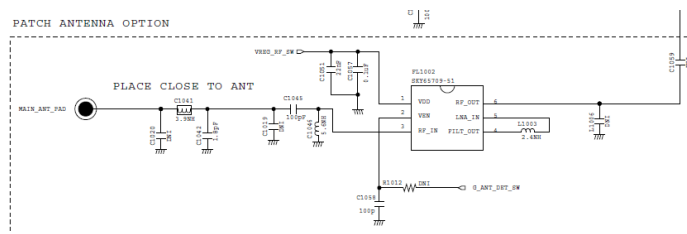


Rev.F

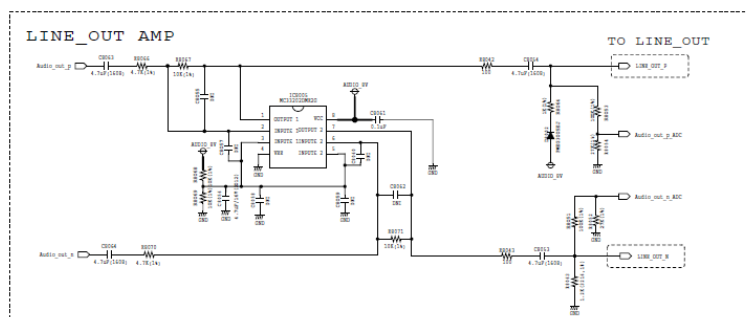


Rev.G

1) Remove GPS Patch Antenna Path



2) Add Audio Amp Circuit

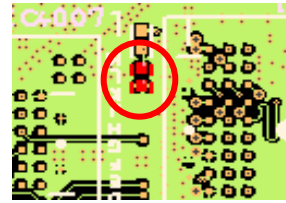
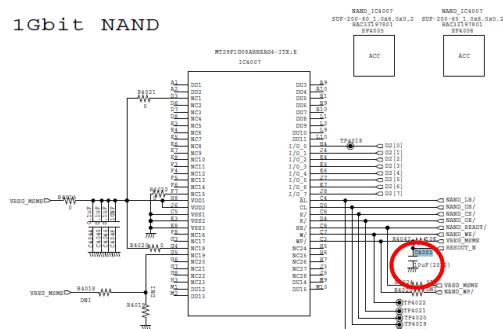


Rev.H

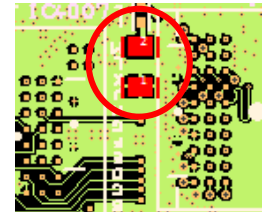
1. Cap Size

Capacity and Size of C4002 Capacitor : from 0.1uF 1005type to 10uF 2012 type

1Gbit NAND



Rev.G

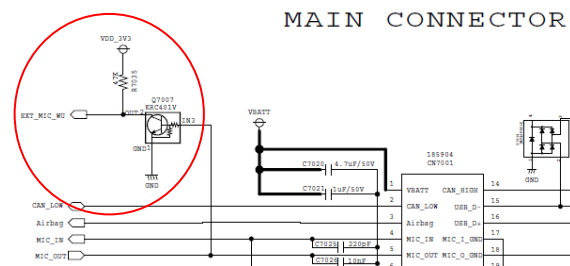


Rev.H

2. MICOM

IC6001 : from MPC5605B to MPC5606B

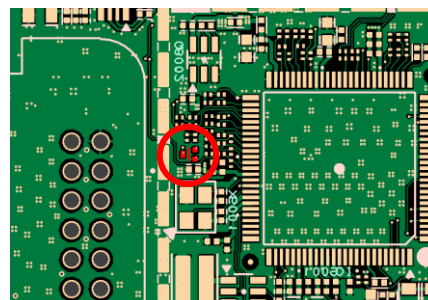
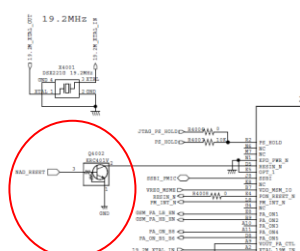
3. Audio DTC



4. PMIC Reset circuit

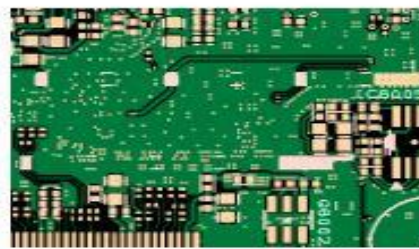
Add TR(Q4002) for PMIC Reset

PMIC



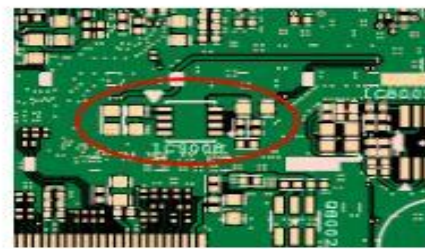
Rev.H
(2.6)

1.class-D amp & LED/Key circuit Change

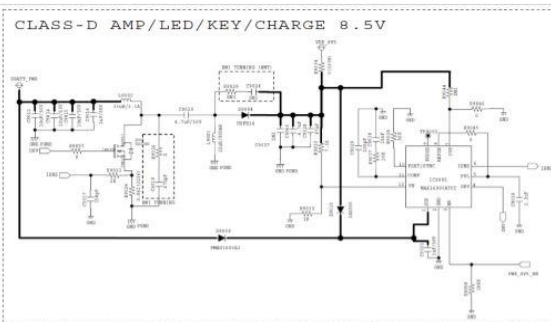


REV.H

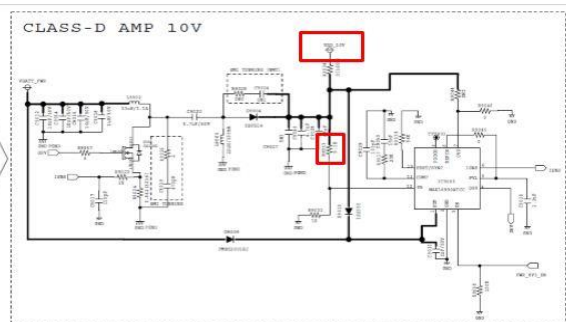
Additional 1 LDO



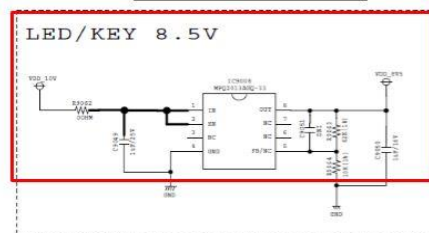
REV.H(2.6)



REV.H

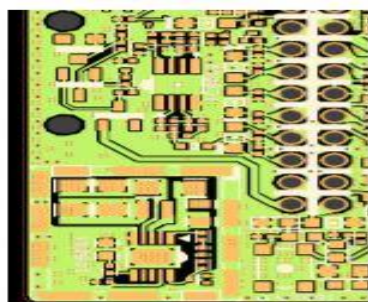


REV.H(2.6)



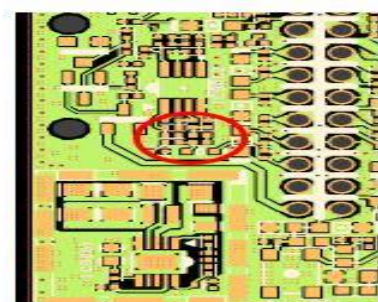
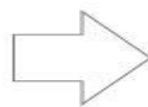
REV.H(2.6)

2. Airbag circuit



REV.H

Additional
4 resistors



REV.H(2.6)

Rev.H
(2.6)