

RF CONNECT

ANT100

ANT101

RFS100
KMS-512

C100
47PF 25V

L101
33nH

C101
NC

C102
NC

R102
0

RF SWITCH

UMTS_ANT

L105
BLM15HG102SN1D

VREG_RFRX_2.8V
C159
100nF
6.3V

C109
33PF
25V

GSM_ANT_SEL0_N
GSM_ANT_SEL1_N
GSM_ANT_SEL2_N

R108
1K
R109
1K
R110
1K

U100
CXG1190AEQ-T2

C113
33PF
25V

C114
33PF
25V

C115
33PF
25V

MODE	GSM900 TX / RX	GSM1800 TX / RX	GSM1900 TX / RX	UMTS 2100 RX / TX
SEL0	1/0	1/0	1/0	1
SEL1	1/0	0/1	0/1	0
SEL2	0/1	0/1	0/0	1

0603 Size Matching Circuit

0603 Size Matching Circuit

F100
SFHG60MQ101

F101
SFHG42MQ101

F102
LL96F

L107
3.9nH

L108
3.9nH

L109
3.9nH

L110
15nH

L111
2.7nH

L112
2.7nH

L113
2.7nH

L114
15nH

L115
10nH

L116
27nH

L117
10nH

L118
15nH

L119
4.7nH

L120
2.2uH

L121
2.2uH

L122
4.7nH

L123
8.2nH

L124
2.2uH

L125
2.2uH

L126
2.2uH

L127
16V

L128
2.2uH

L129
2.2uH

L130
2.2uH

L131
2.2uH

L132
2.2uH

L133
2.2uH

L134
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L136
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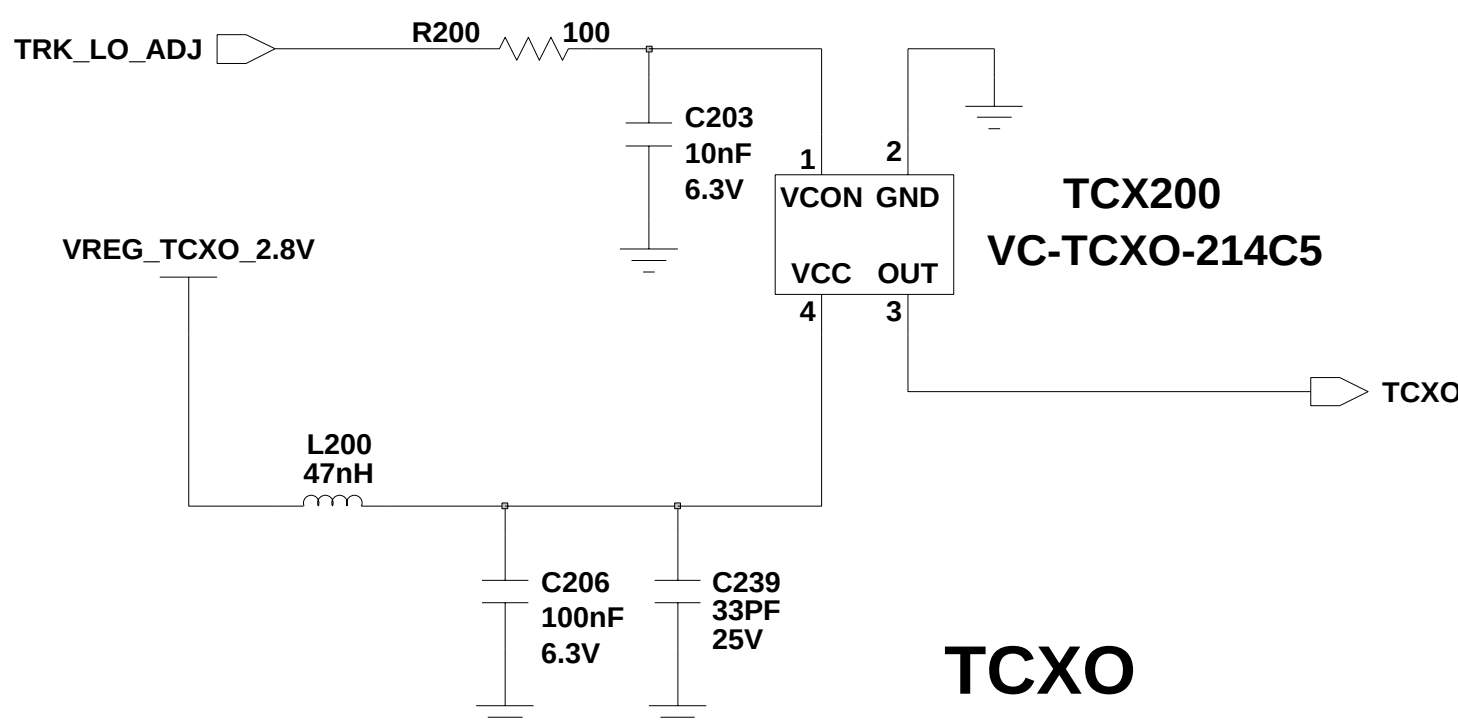
L351
2.2uH

L352
2.2uH

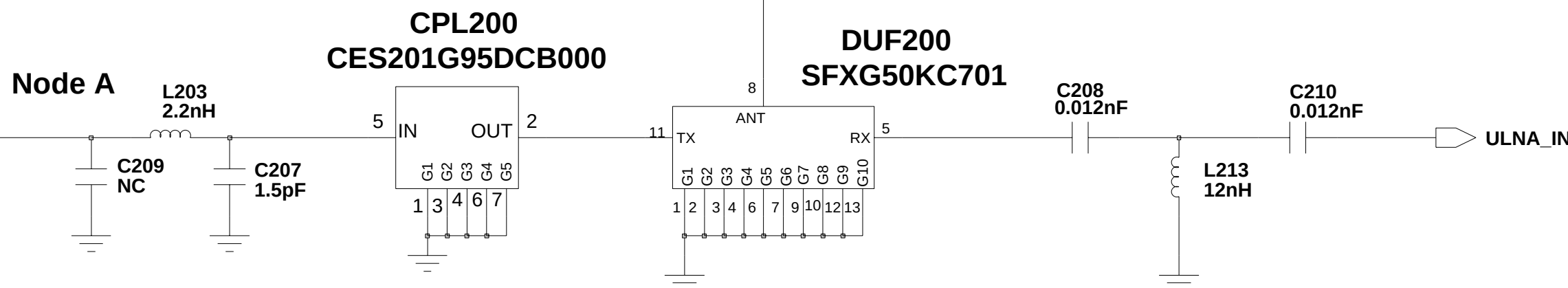
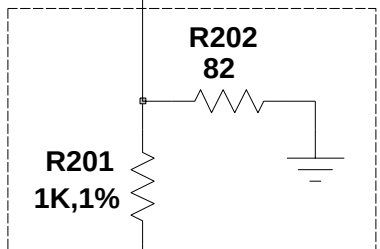
L353
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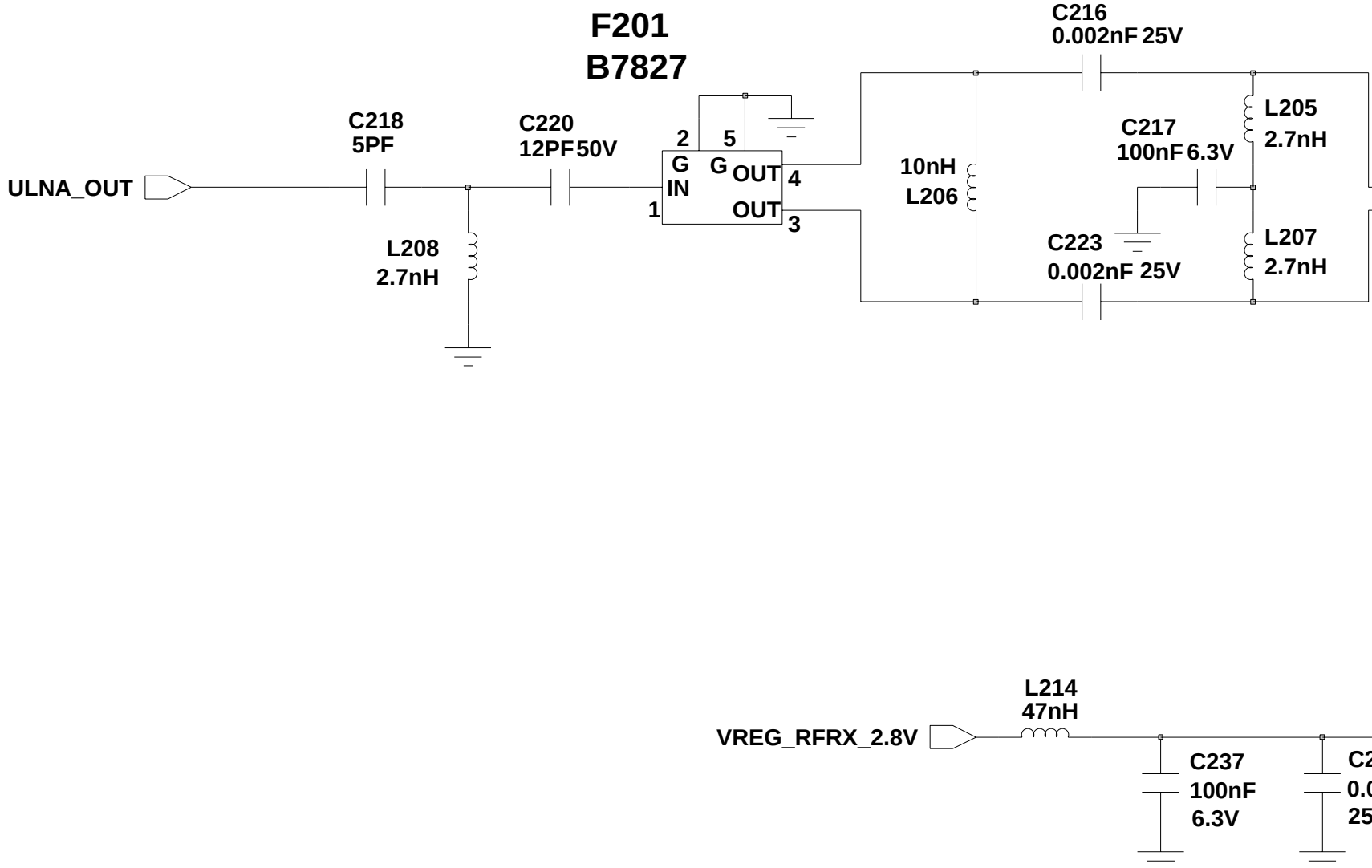
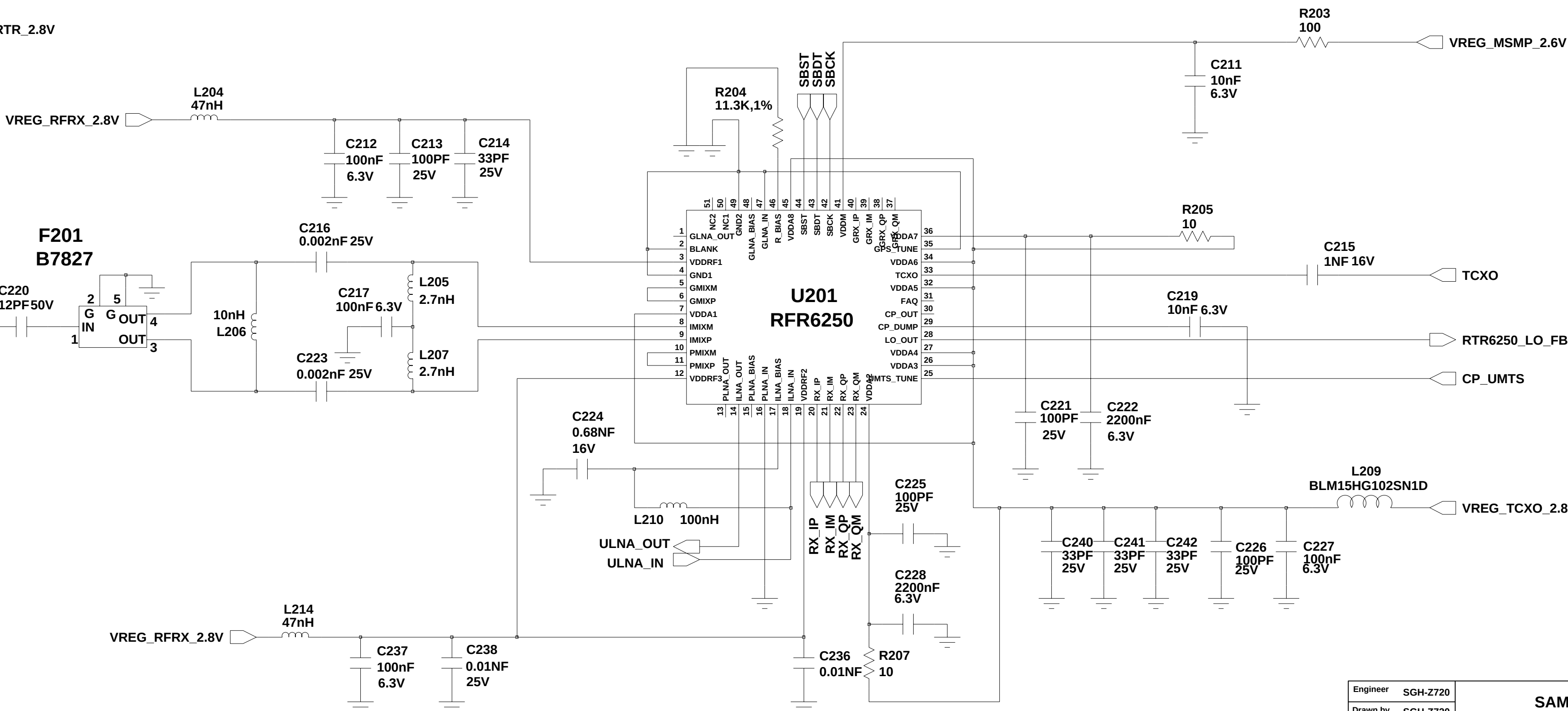
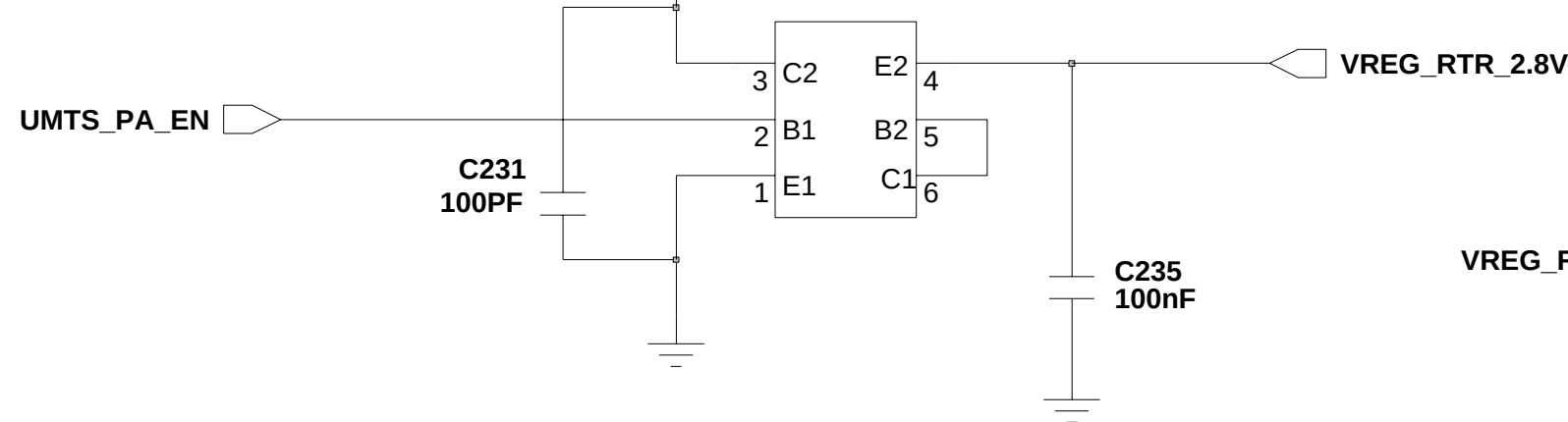
U200
AD45030-REEL



Node A



TR200
PEMD10

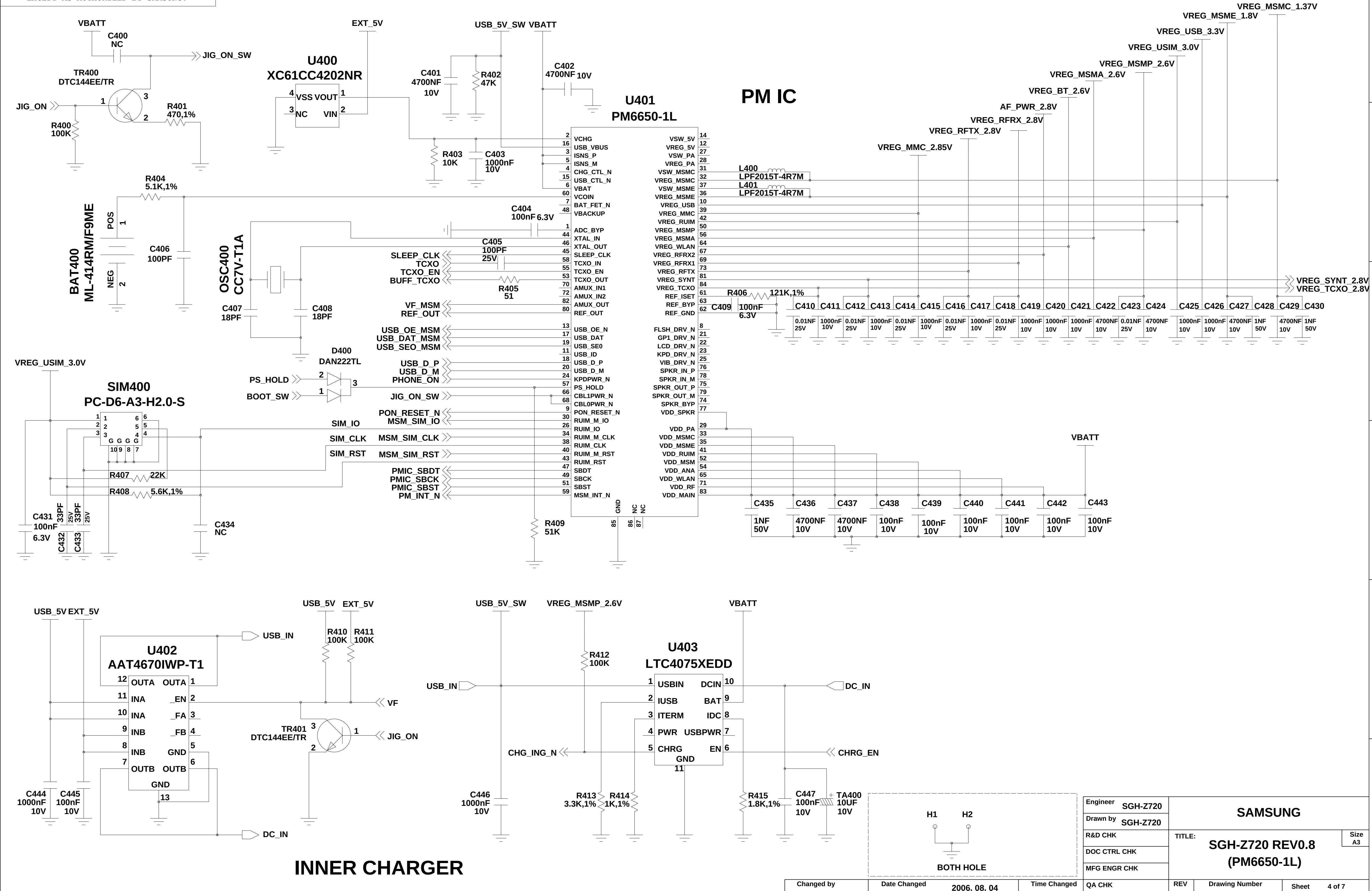


Engineer	SGH-Z720	SAMSUNG			
Drawn by	SGH-Z720				
R&D CHK					
DOC CTRL CHK					
MFG ENGR CHK		TITLE SGH-Z720 REV0.8 (RF - UMTS) Size A3			
QA CHK		REV	Drawing Number	Sheet	2 of 7



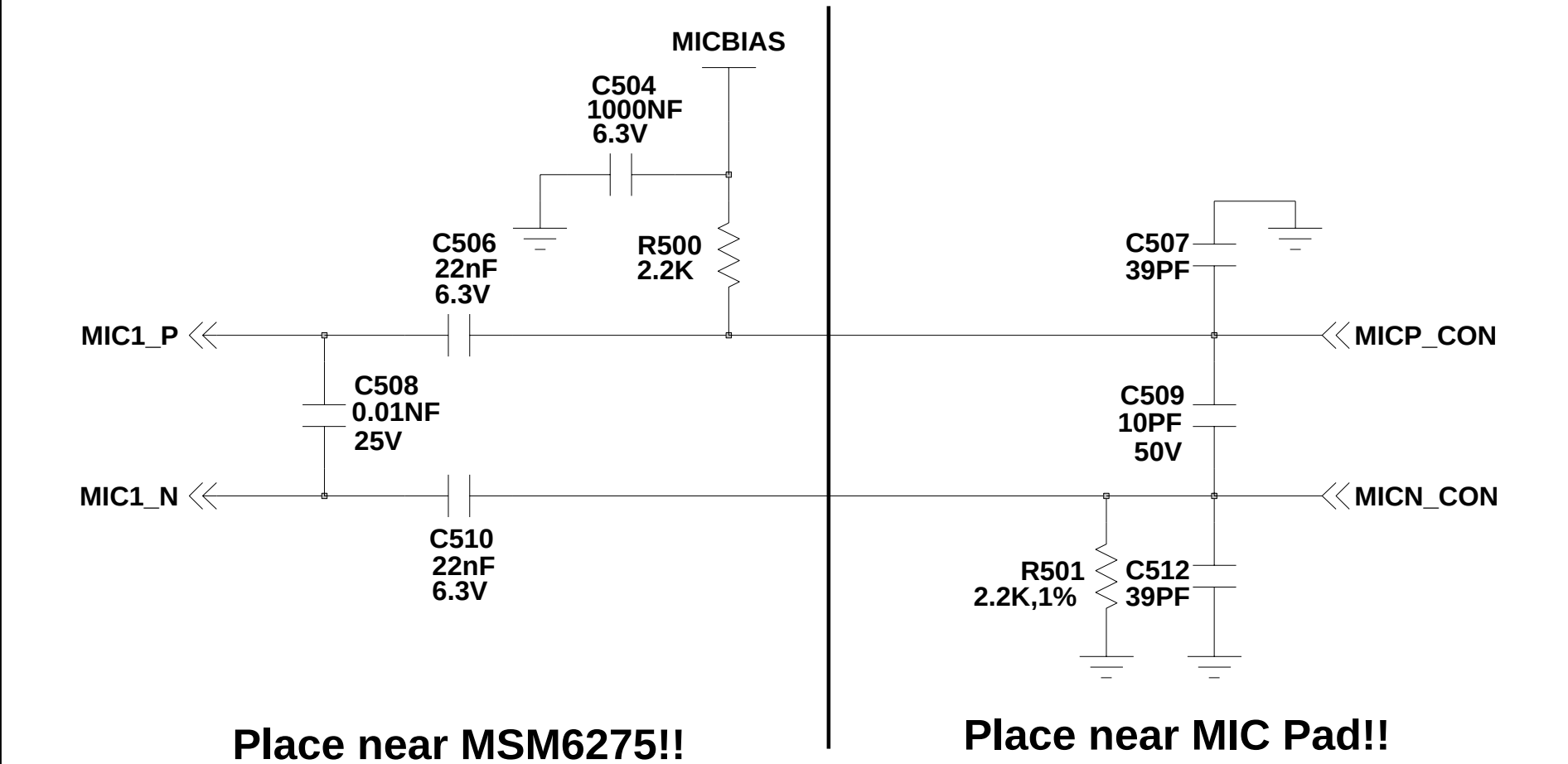
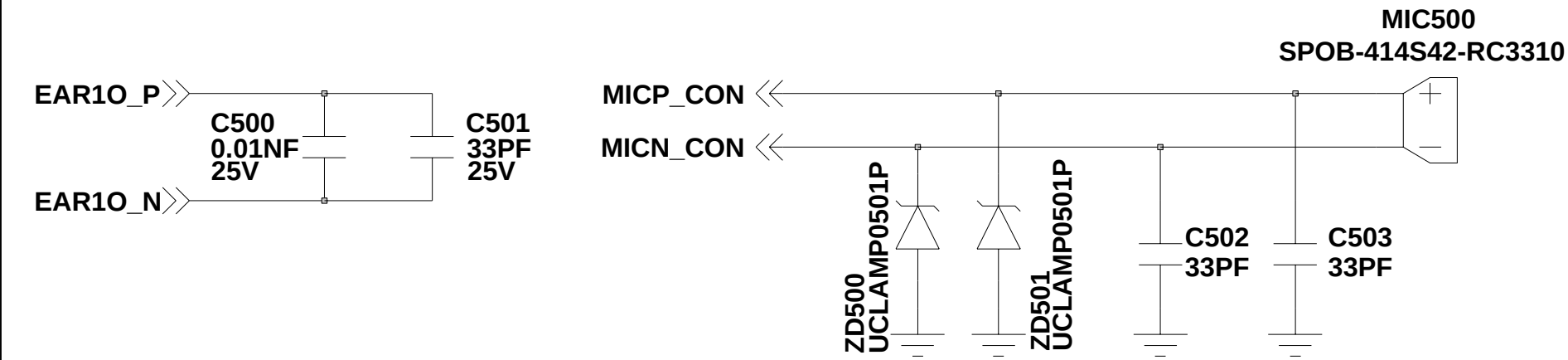
Changed by	Date Changed	2006. 08. 04	Time Changed	QA CHK	REV	Drawing Number	Sheet	3 of 7
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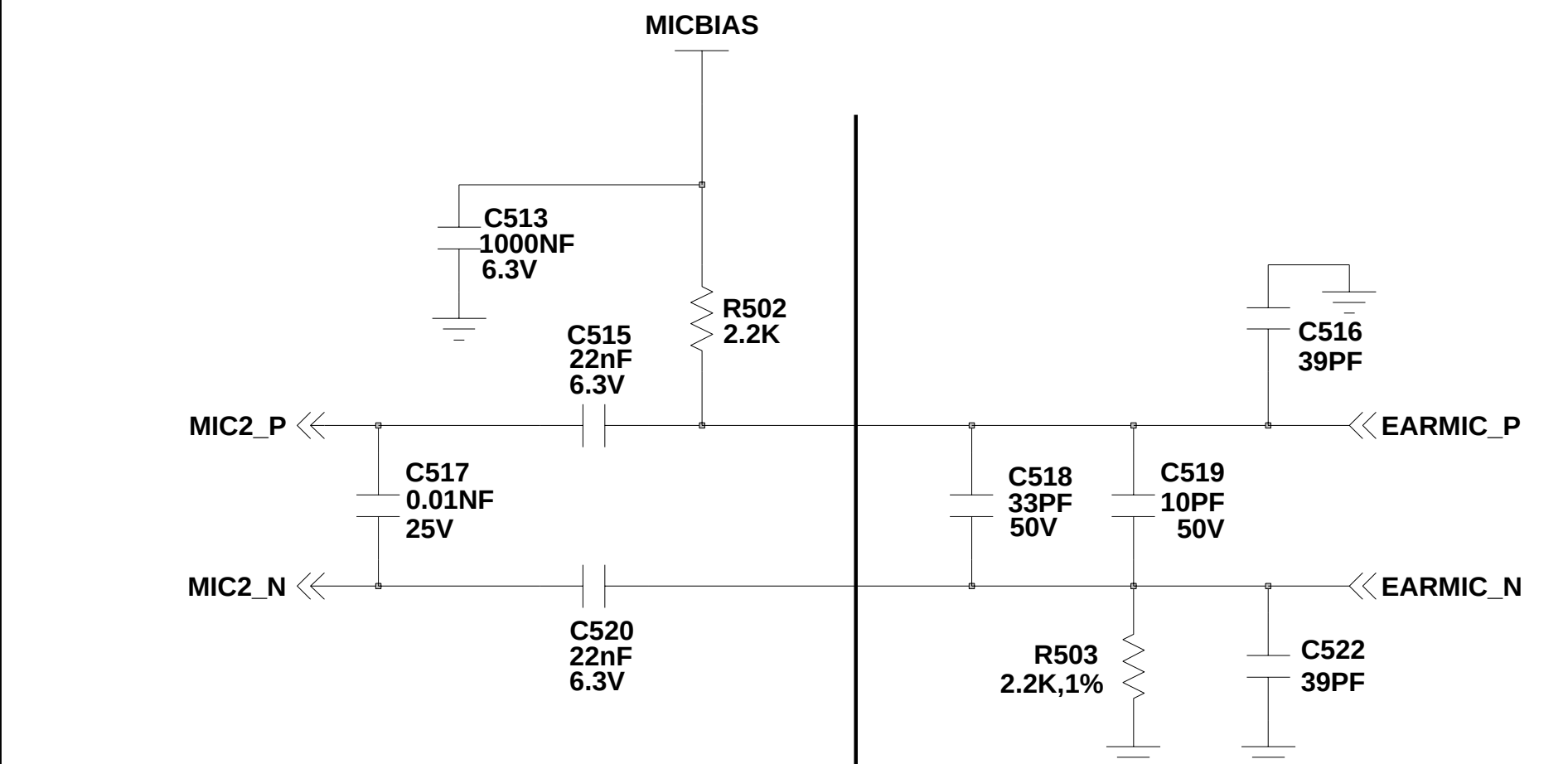
NORMAL PATH



Place near MSM6275!!

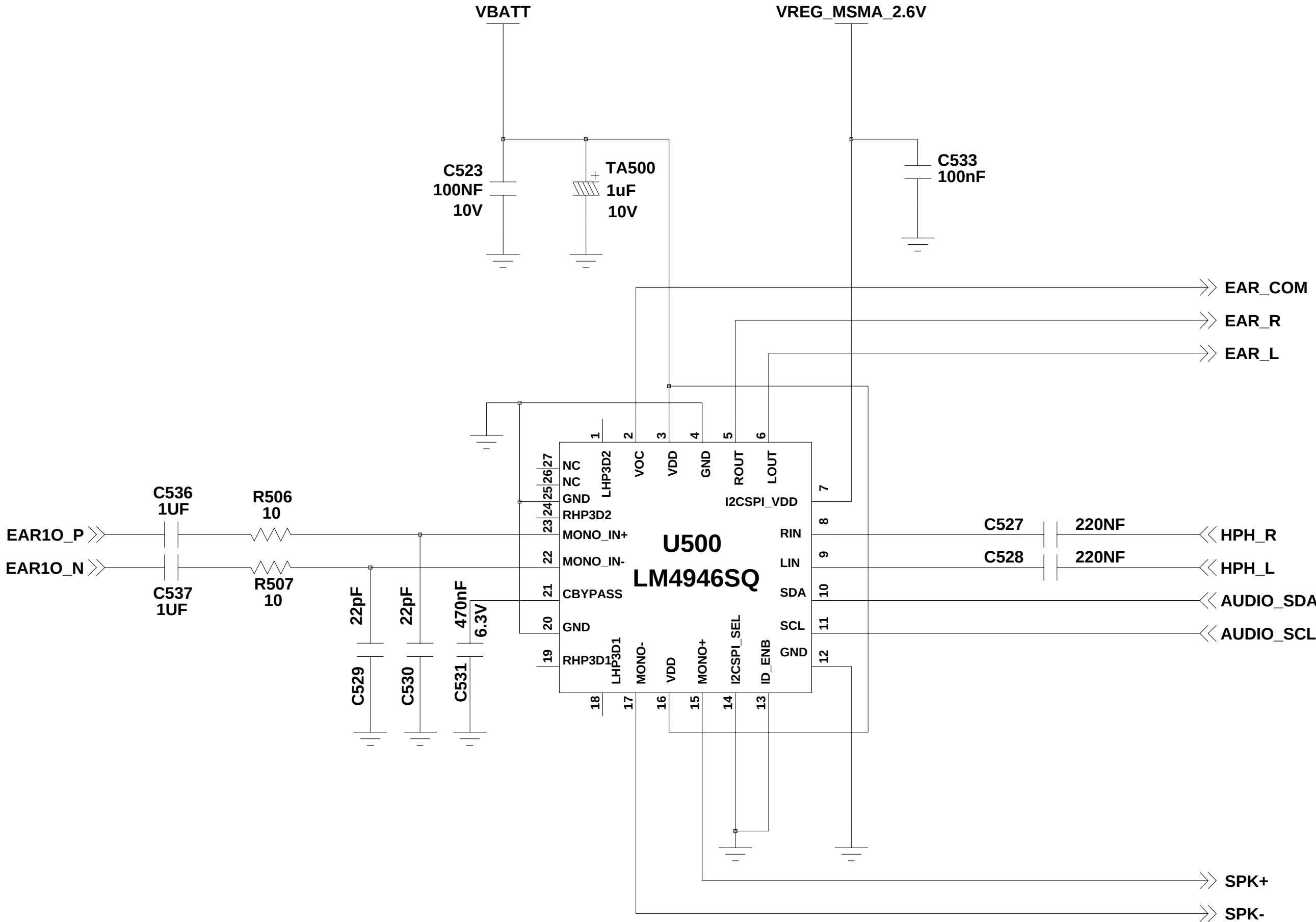
Place near MIC Pad!!

EARPHONE PATH



Place near MSM6275!!

Place near IF connector!!



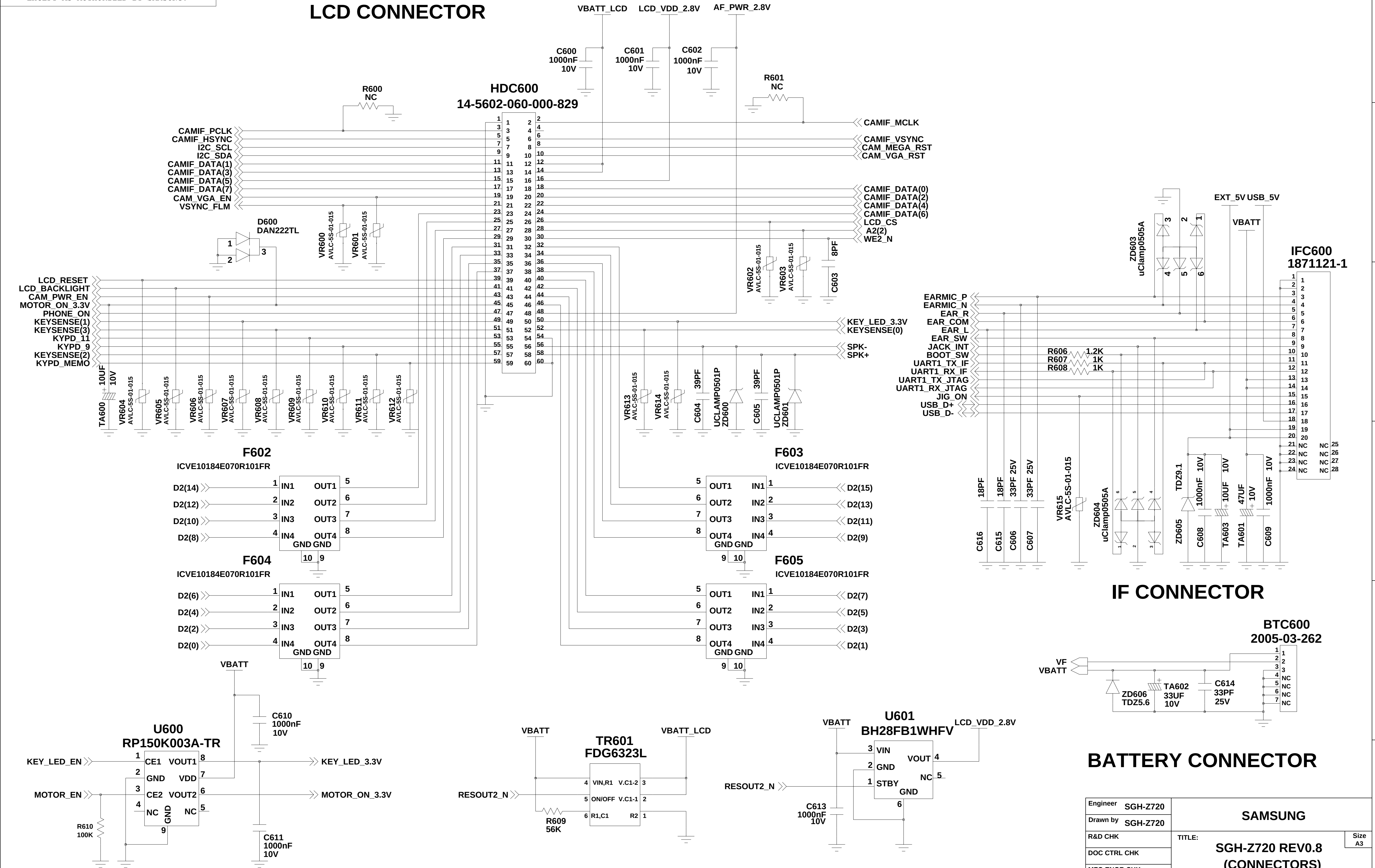
AUDIO AMP / SWITCH

Engineer	SGH-Z720	SAMSUNG		
Drawn by	SGH-Z720			
R&D CHK		TITLE: SGH-Z720 REV0.8 (AUDIO Part)	Size A3	
DOC CTRL CHK				
MFG ENGR CHK				
REV	QA CHK		Drawing Number	Sheet

Changed by Date Changed 2006. 08. 04 Time Changed

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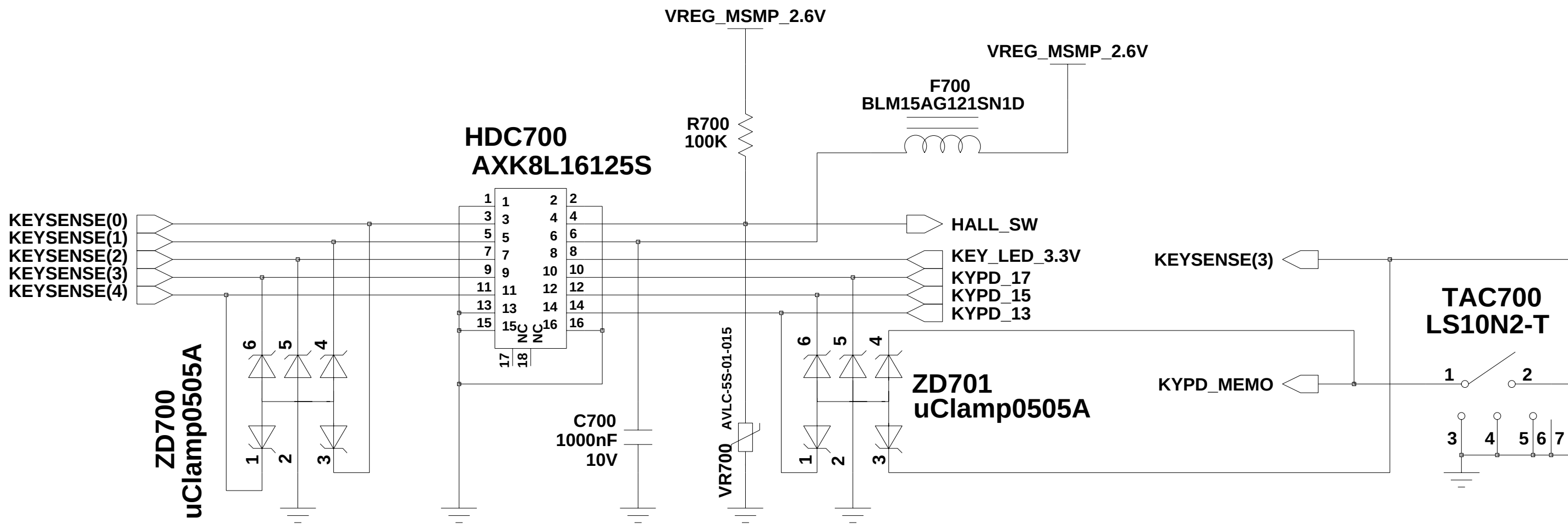
VBATT LCD LCD VDD 2.8V AF_PWR_2.8V



Engineer	SGH-Z720	SAMSUNG	
Drawn by	SGH-Z720		
R&D CHK		TITLE: SGH-Z720 REV0.8 (CONNECTORS)	Size A3
DOC CTRL CHK			
MFG ENGR CHK			

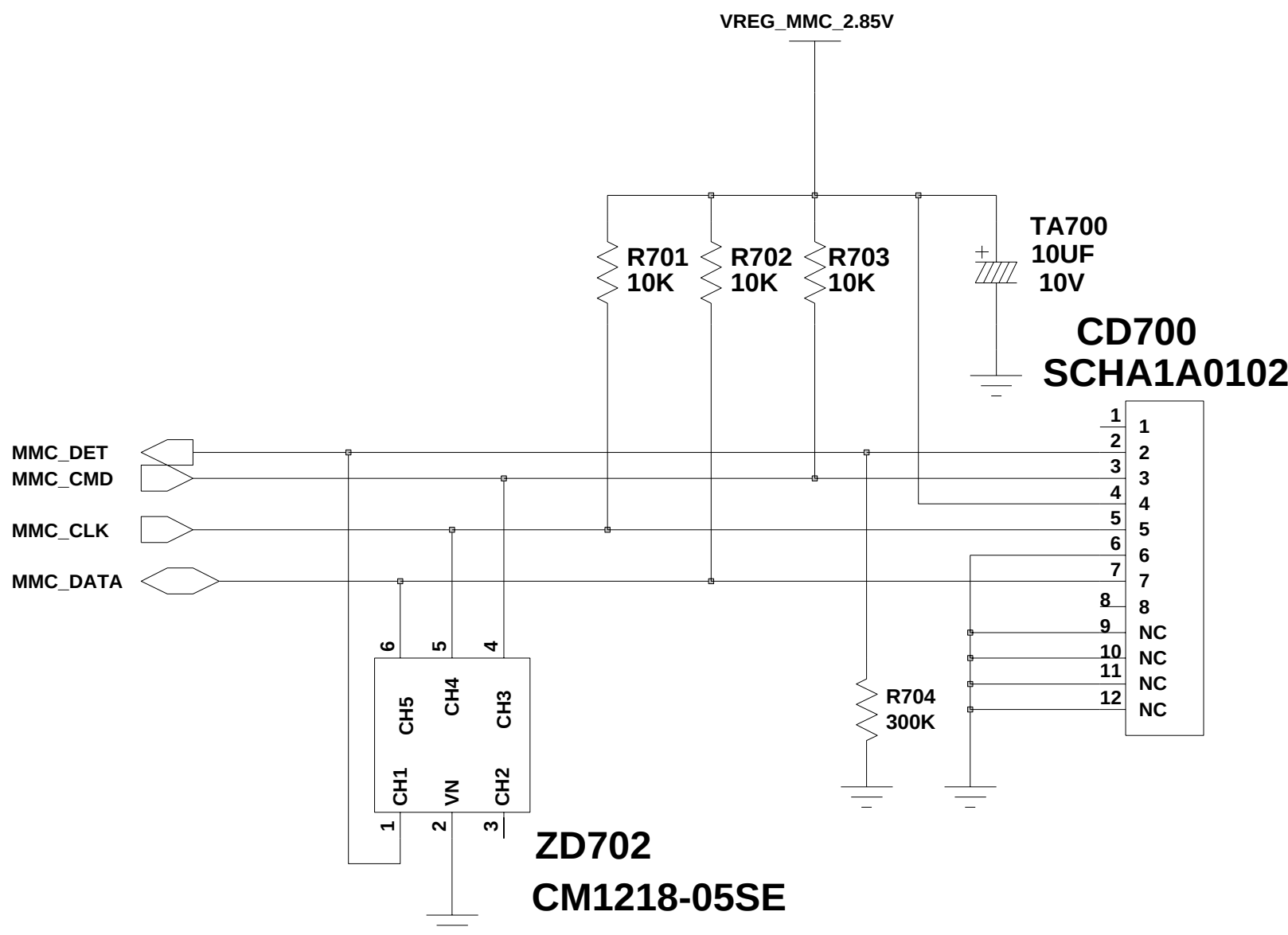
Changed by	Date Changed 2006. 08. 04	Time Changed	QA CHK	REV	Drawing Number	Sheet 6 of 7
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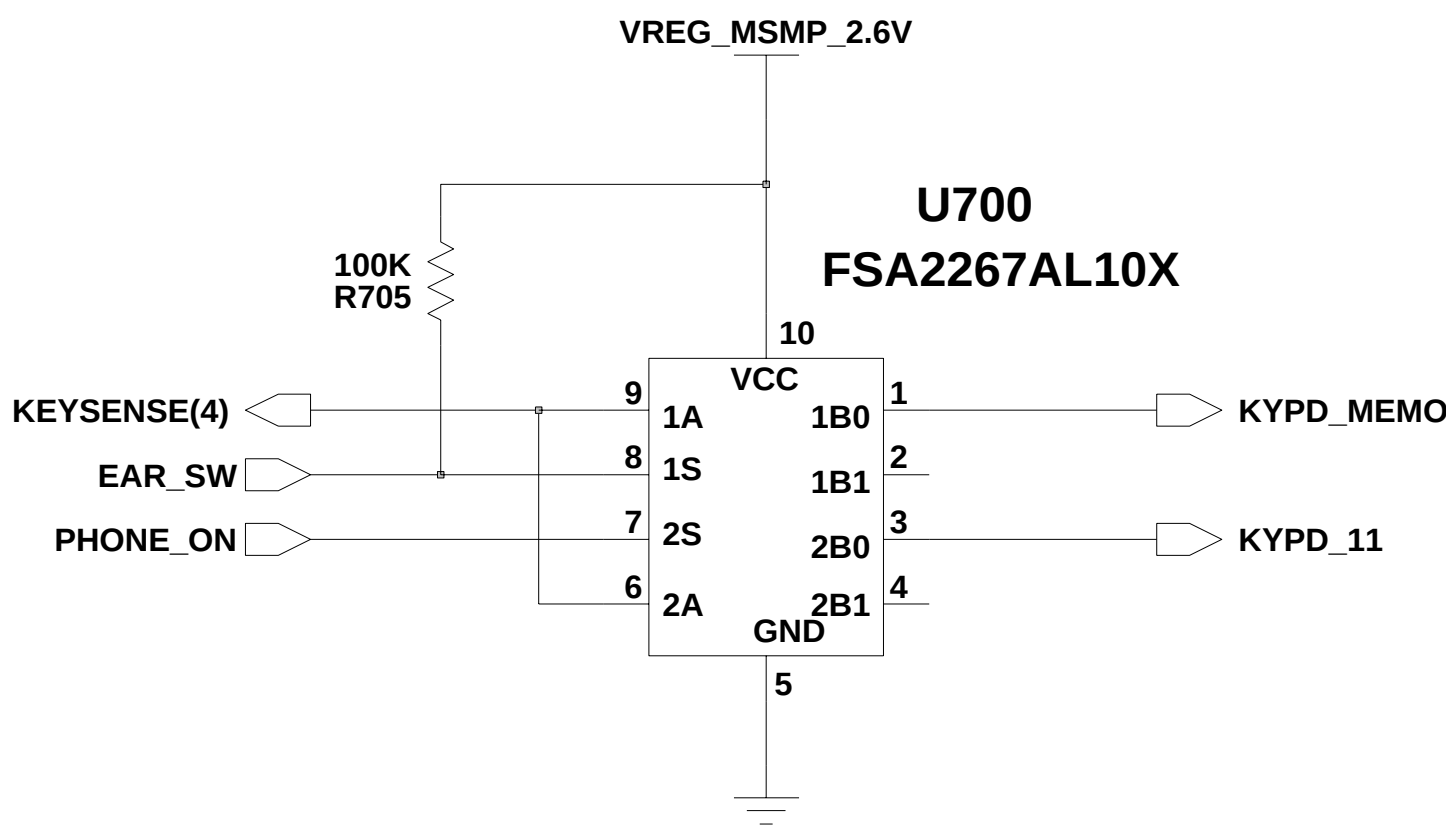


KEY CONNECTOR

CAMERA_SWITCH



MICRO-SD



Engineer	SGH-Z720	SAMSUNG	
Drawn by	SGH-Z720		
R&D CHK			
DOC CTRL CHK			
MFG ENGR CHK		TITLE: SGH-Z720 REV0.8 (MICRO-SD, KEY)	
REV	QA CHK	Drawing Number	Sheet 7 of 7

