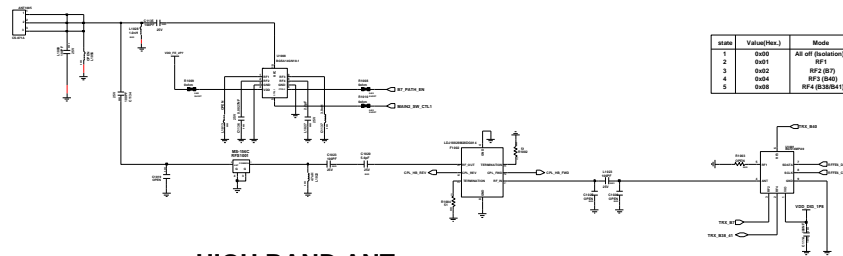
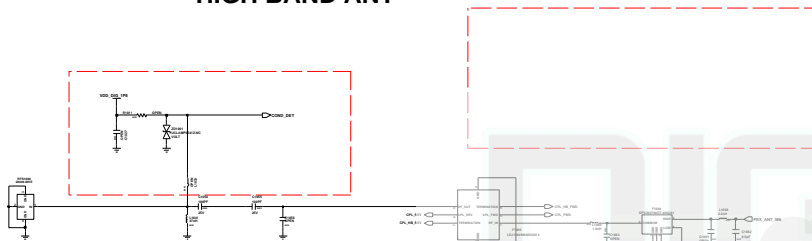


RF PART 1

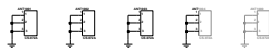


HIGH BAND ANT

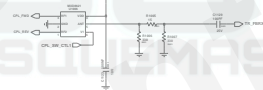


LOW-MID BAND ANT

GND CONTACT

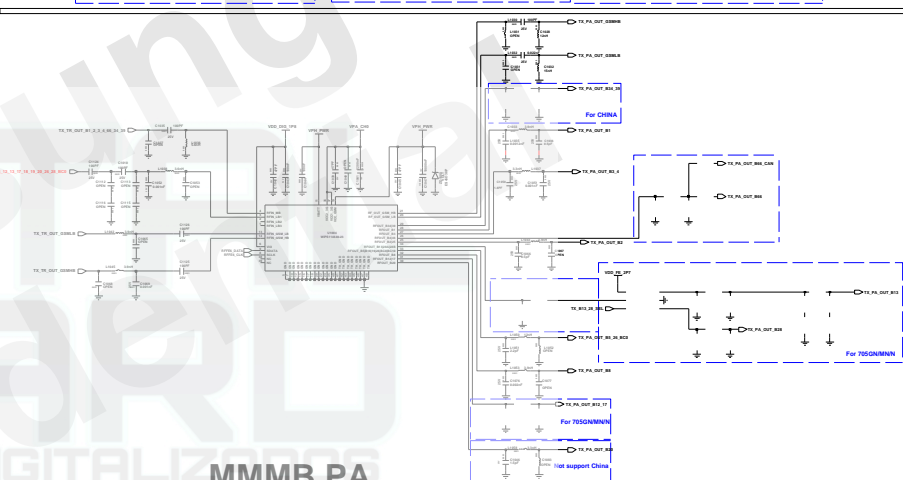
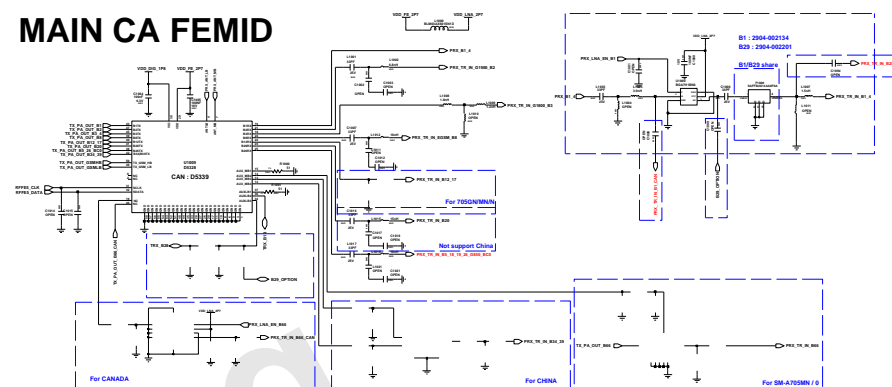


FBRX



SWR	Value(Max.)	Mode
1	0.00	All off (Isolation)
2	0.01	RF1
3	0.02	RF2 (B1)
4	0.04	RF3 (B2)
5	0.08	RF4 (B3/B4)

MAIN CA FEMID



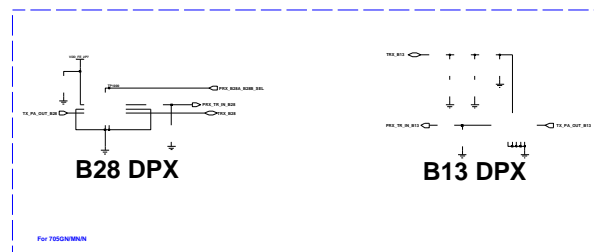
MMMB PA

2G : EGSM / DCS / PCS / GSM850

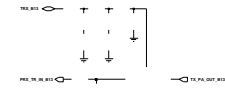
3G : B1 / 2 / 4 / 5 / 8 / BC0 / TD-A/F

LTE : B1 / 2 / 3 / 4 / 5 / 8 / 12 / 13 / 17 / 18 / 19 / 20 / 26 / 28 / 34 / 39 / 66

B28 DPX



B13 DPX

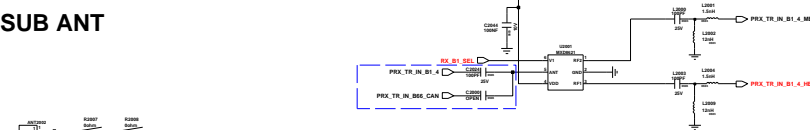


EU	SM-A705FN	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20	LTE TDD : B38, 40, 41
CIS	SM-A705FN	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20	LTE TDD : B38, 40, 41
MEA	SM-A705FN	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20	LTE TDD : B38, 40, 41
SWA	SM-A705GM	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20	LTE TDD : B38, 40, 41
SEA	SM-A705F	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20	LTE TDD : B38, 40, 41
SEA	SM-A705MN	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 4, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20 LTE FDD : B2, 4, 12, 13, 17, 28, 66	LTE TDD : B38, 40, 41
LA	SM-A705MN	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 4, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20 LTE FDD : B2, 4, 12, 13, 17, 28, 66	LTE TDD : B38, 40, 41
Taiwan/Hongkong	SM-A7050	GSM : 850, 900, 1800, 1900 / BC0	WCDMA : 1, 2, 4, 5, 8	LTE FDD : B1, 3, 5, 7, 8, 20 LTE FDD : B2, 4, 12, 13, 17, 28, 66	LTE TDD : B34, 38, 39, 40, 41
Korea	SM-A705N	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 4, 5	LTE FDD : B1, 3, 5, 7, 8, 20 LTE FDD : B4, 13, 17, 28	LTE TDD : B38, 39, 40, 41
China	SM-A7050	GSM : 850, 900, 1800, 1900 / BC0	WCDMA : 1, 2, 5, 8	LTE FDD : B1, 3, 5, 7, 8 LTE FDD : B4, 12, 17	LTE TDD : B34, 38, 39, 40, 41
Canada	SM-A705W	GSM : 850, 900, 1800, 1900	WCDMA : 1, 2, 4, 5, 8	LTE FDD : B1, 2, 3, 4, 5, 7, 12, 13, 17 LTE FDD : B20, 26, 29, 66	LTE TDD : B38, 40, 41

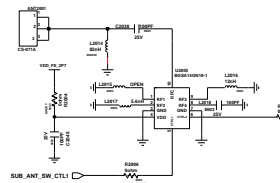
SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION THAT IS THE PROPERTY OF SAMSUNG ELECTRONICS CO., LTD. IT IS NOT TO BE DISCLOSED TO THE PUBLIC OR TO ANY OTHER COMPANY WITHOUT THE WRITTEN PERMISSION OF SAMSUNG ELECTRONICS CO., LTD.

RF PART 2

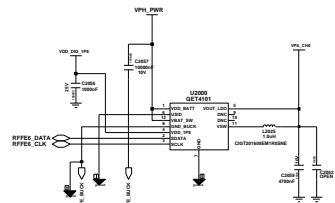
SUB ANT



for KOR



X-GND SW



QFE4101 APT MODULATOR

PRX_B28_40_41_LNA_IN

PA Thermister

PA Thermister

HIGH BAND PA

FDD LTE: B7
TDD LTE: B38 / 40 / 41

SDR660 RF TRANCEIVER

U2009
SDR660

B2/66 : SFWG62DBB02
B34/39 : SFWG00DB002

B2, B66

B38/41

B40

B28 : 2904-002336
B29 : 2904-002201

DRX LFEM

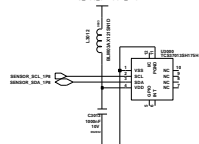
B28/B29 share

Part No.	SAMSUNG ELECTRONICS
Rev.	A70
Doc. No.	141014
Doc. Rev.	1

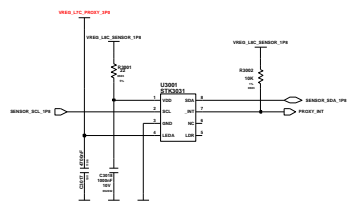
SAMSUNG CONFIDENTIAL
THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION. INFORMATION THAT IS UNCLASSIFIED INFORMATION IS NOT SUBJECT TO THE RESTRICTIONS OF THE EXPORT ADMINISTRATION ACT. INFORMATION THAT IS UNCLASSIFIED INFORMATION IS NOT SUBJECT TO THE RESTRICTIONS OF THE EXPORT ADMINISTRATION ACT.

SENSOR

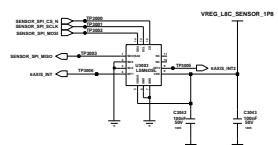
VREG_LAC_SENSOR_1P6



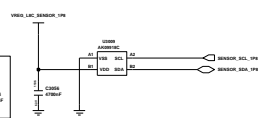
RGB Sensor



Proxy + RGB Sensor



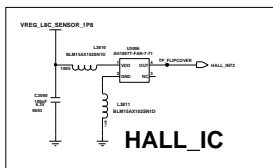
ACC&GYRO SENSOR



MAGNETIC SENSOR

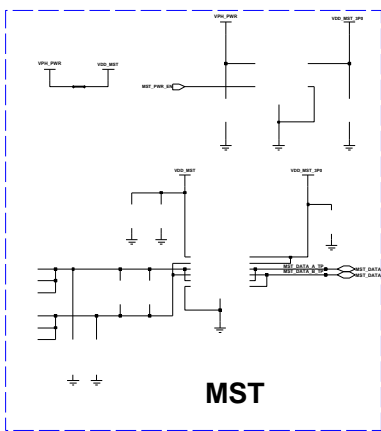
for protecting U3009

POWER KEY

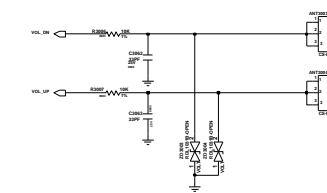


HALL_IC

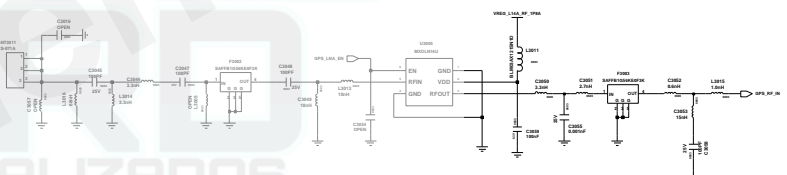
MST



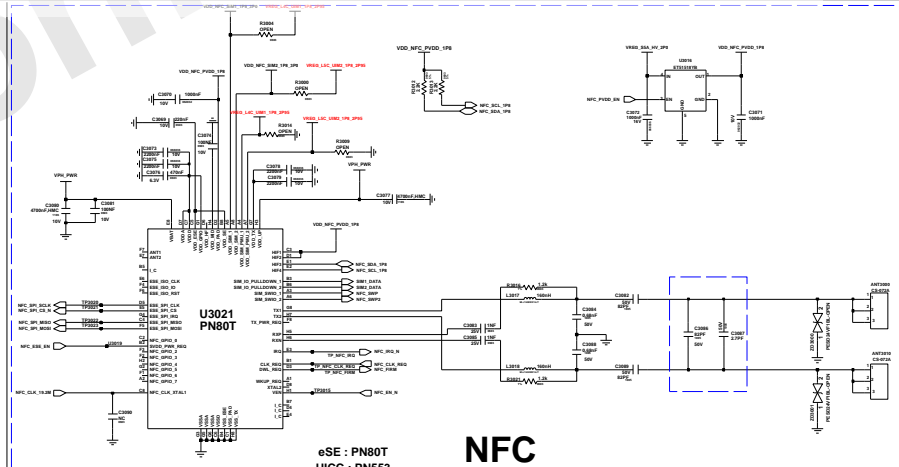
Volume key



GPS / GNSS/BEIDOU



WIFI/BT/FM



oSE : PN80T
UICC : PN553

NFC

Project	SENSOR, WIFI/BT/GPS/NFC
Version	A70
Doc No.	
Rev	
Doc No.	
Rev	

SAMSUNG CONFIDENTIAL

THIS DOCUMENT CONTAINS SAMSUNG'S
UNCLASSIFIED INFORMATION THAT IS
SAMSUNG'S PROPRIETARY AND CONFIDENTIAL
INTELLECTUAL PROPERTY. IT IS NOT TO BE
REPRODUCED OR DISCLOSED TO ANY OTHER
PERSON WITHOUT SAMSUNG'S WRITTEN
PERMISSION. ANY VIOLATION OF THIS
POLICY WILL BE PROSECUTED TO THE FULL
EXTENT OF THE LAW.

Copyright © 2010 Samsung Electronics Co., Ltd.

Printed in Korea

Rev. 1.0

UCP400-1 SM6150

UCP400-2 SM6150

UCP400-3 SM6150

UCP400-4 SM6150

UCP400-5 SM6150

UCP400-6 SM6150

UCP400-7 SM6150

UCP400-8 SM6150

UCP400-9 SM6150

UCP400-10 SM6150

UCP400-11 SM6150

UCP400-12 SM6150

UCP400-13 SM6150

UCP400-14 SM6150

UCP400-15 SM6150

UCP400-16 SM6150

UCP400-17 SM6150

UCP400-18 SM6150

UCP400-19 SM6150

UCP400-20 SM6150

UCP400-21 SM6150

UCP400-22 SM6150

UCP400-23 SM6150

UCP400-24 SM6150

UCP400-25 SM6150

UCP400-26 SM6150

UCP400-27 SM6150

UCP400-28 SM6150

UCP400-29 SM6150

UCP400-30 SM6150

UCP400-31 SM6150

UCP400-32 SM6150

UCP400-33 SM6150

UCP400-34 SM6150

UCP400-35 SM6150

UCP400-36 SM6150

UCP400-37 SM6150

UCP400-38 SM6150

UCP400-39 SM6150

UCP400-40 SM6150

UCP400-41 SM6150

UCP400-42 SM6150

UCP400-43 SM6150

UCP400-44 SM6150

UCP400-45 SM6150

UCP400-46 SM6150

UCP400-47 SM6150

UCP400-48 SM6150

UCP400-49 SM6150

UCP400-50 SM6150

UCP400-51 SM6150

UCP400-52 SM6150

UCP400-53 SM6150

UCP400-54 SM6150

UCP400-55 SM6150

UCP400-56 SM6150

UCP400-57 SM6150

UCP400-58 SM6150

UCP400-59 SM6150

UCP400-60 SM6150

UCP400-61 SM6150

UCP400-62 SM6150

UCP400-63 SM6150

UCP400-64 SM6150

UCP400-65 SM6150

UCP400-66 SM6150

UCP400-67 SM6150

UCP400-68 SM6150

UCP400-69 SM6150

UCP400-70 SM6150

UCP400-71 SM6150

UCP400-72 SM6150

UCP400-73 SM6150

UCP400-74 SM6150

UCP400-75 SM6150

UCP400-76 SM6150

UCP400-77 SM6150

UCP400-78 SM6150

UCP400-79 SM6150

UCP400-80 SM6150

UCP400-81 SM6150

UCP400-82 SM6150

UCP400-83 SM6150

UCP400-84 SM6150

UCP400-85 SM6150

UCP400-86 SM6150

UCP400-87 SM6150

UCP400-88 SM6150

UCP400-89 SM6150

UCP400-90 SM6150

UCP400-91 SM6150

UCP400-92 SM6150

UCP400-93 SM6150

UCP400-94 SM6150

UCP400-95 SM6150

UCP400-96 SM6150

UCP400-97 SM6150

UCP400-98 SM6150

UCP400-99 SM6150

UCP400-100 SM6150

UCP400-101 SM6150

UCP400-102 SM6150

UCP400-103 SM6150

UCP400-104 SM6150

UCP400-105 SM6150

UCP400-106 SM6150

UCP400-107 SM6150

UCP400-108 SM6150

UCP400-109 SM6150

UCP400-110 SM6150

UCP400-111 SM6150

UCP400-112 SM6150

UCP400-113 SM6150

UCP400-114 SM6150

UCP400-115 SM6150

UCP400-116 SM6150

UCP400-117 SM6150

UCP400-118 SM6150

UCP400-119 SM6150

UCP400-120 SM6150

UCP400-121 SM6150

UCP400-122 SM6150

UCP400-123 SM6150

UCP400-124 SM6150

UCP400-125 SM6150

UCP400-126 SM6150

UCP400-127 SM6150

UCP400-128 SM6150

UCP400-129 SM6150

UCP400-130 SM6150

UCP400-131 SM6150

UCP400-132 SM6150

UCP400-133 SM6150

UCP400-134 SM6150

UCP400-135 SM6150

UCP400-136 SM6150

UCP400-137 SM6150

UCP400-138 SM6150

UCP400-139 SM6150

UCP400-140 SM6150

UCP400-141 SM6150

UCP400-142 SM6150

UCP400-143 SM6150

UCP400-144 SM6150

UCP400-145 SM6150

UCP400-146 SM6150

UCP400-147 SM6150

UCP400-148 SM6150

UCP400-149 SM6150

UCP400-150 SM6150

UCP400-151 SM6150

UCP400-152 SM6150

UCP400-153 SM6150

UCP400-154 SM6150

UCP400-155 SM6150

UCP400-156 SM6150

UCP400-157 SM6150

UCP400-158 SM6150

UCP400-159 SM6150

UCP400-160 SM6150

UCP400-161 SM6150

UCP400-162 SM6150

UCP400-163 SM6150

UCP400-164 SM6150

UCP400-165 SM6150

UCP400-166 SM6150

UCP400-167 SM6150

UCP400-168 SM6150

UCP400-169 SM6150

UCP400-170 SM6150

UCP400-171 SM6150

UCP400-172 SM6150

UCP400-173 SM6150

UCP400-174 SM6150

UCP400-175 SM6150

UCP400-176 SM6150

UCP400-177 SM6150

UCP400-178 SM6150

UCP400-179 SM6150

UCP400-180 SM6150

UCP400-181 SM6150

UCP400-182 SM6150

UCP400-183 SM6150

UCP400-184 SM6150

UCP400-185 SM6150

UCP400-186 SM6150

UCP400-187 SM6150

UCP400-188 SM6150

UCP400-189 SM6150

UCP400-190 SM6150

UCP400-191 SM6150

UCP400-192 SM6150

UCP400-193 SM6150

UCP400-194 SM6150

UCP400-195 SM6150

UCP400-196 SM6150

UCP400-197 SM6150

UCP400-198 SM6150

UCP400-199 SM6150

UCP400-200 SM6150

UCP400-201 SM6150

UCP400-202 SM6150

UCP400-203 SM6150

UCP400-204 SM6150

UCP400-205 SM6150

UCP400-206 SM6150

UCP400-207 SM6150

UCP400-208 SM6150

UCP400-209 SM6150

UCP400-210 SM6150

UCP400-211 SM6150

UCP400-212 SM6150

UCP400-213 SM6150

UCP400-214 SM6150

UCP400-215 SM6150

UCP400-216 SM6150

UCP400-217 SM6150

UCP400-218 SM6150

UCP400-219 SM6150

UCP400-220 SM6150

UCP400-221 SM6150

UCP400-222 SM6150

UCP400-223 SM6150

UCP400-224 SM6150

UCP400-225 SM6150

UCP400-226 SM6150

UCP400-227 SM6150

UCP400-228 SM6150

UCP400-229 SM6150

UCP400-230 SM6150

UCP400-231 SM6150

UCP400-232 SM6150

UCP400-233 SM6150

UCP400-234 SM6150

UCP400-235 SM6150

UCP400-236 SM6150

UCP400-237 SM6150

UCP400-238 SM6150

UCP400-239 SM6150

UCP400-240 SM6150

UCP400-241 SM6150

UCP400-242 SM6150

UCP400-243 SM6150

UCP400-244 SM6150

UCP400-245 SM6150

UCP400-246 SM6150

UCP400-247 SM6150

UCP400-248 SM6150

UCP400-249 SM6150

UCP400-250 SM6150

UCP400-251 SM6150

UCP400-252 SM6150

UCP400-253 SM6150

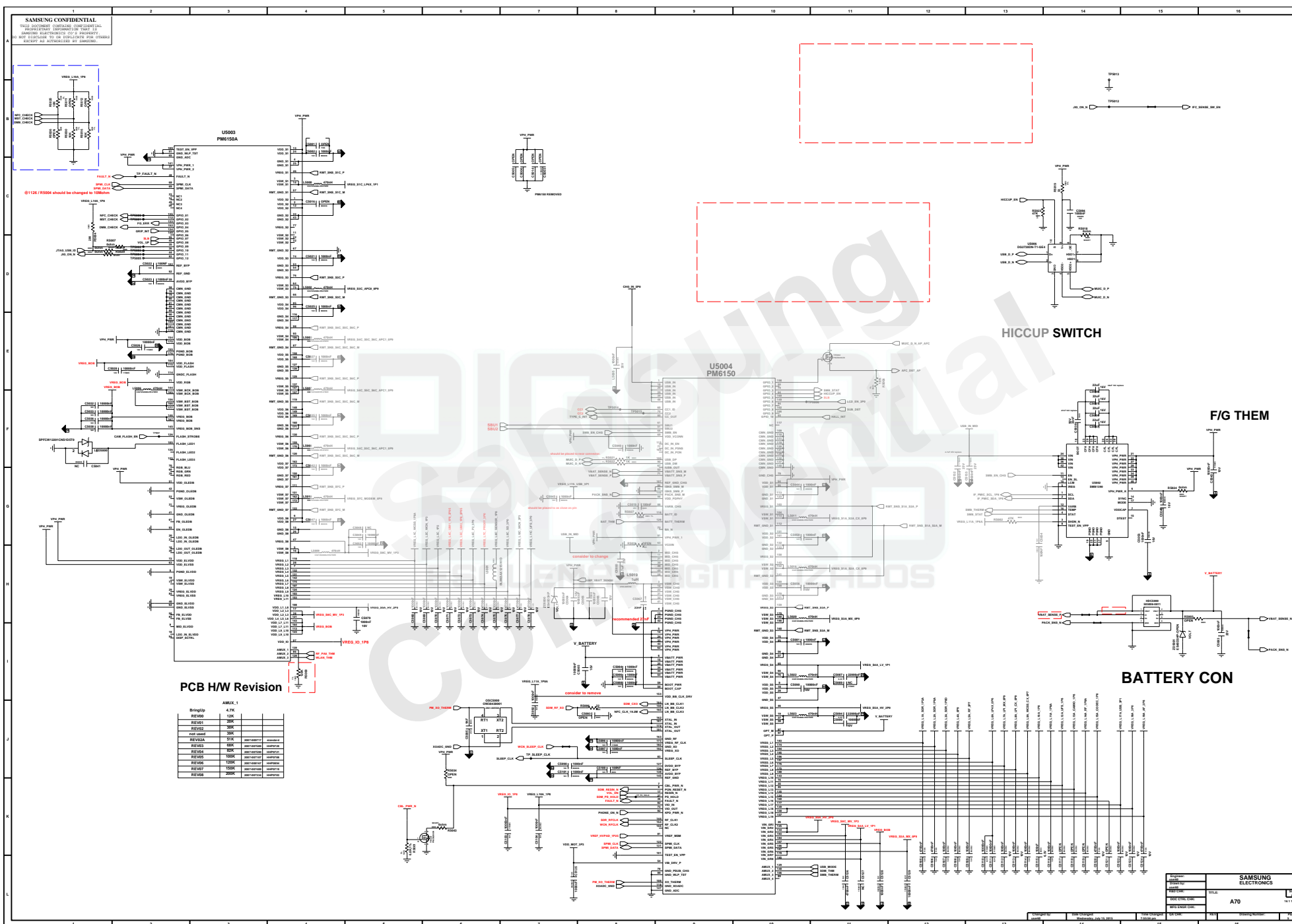
UCP400-254 SM6150

UCP400-255 SM6150

UCP400-256 SM6150

UCP400-257 SM6150

UCP400-258 SM6150



SIM/ T FLASH

MAIN FPCB+LCD FPCB

UME6000
KM2V7001CM-B706

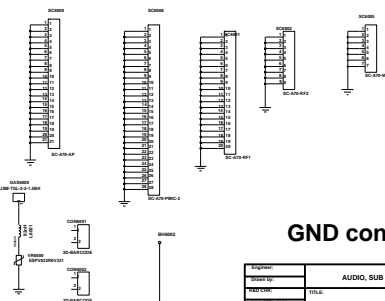
6+128 : 1108-000660
8+128 : 1108-000662

6GB R4036  Culture

8GB R4035 Culture

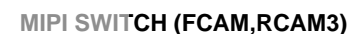
		F	G	M	N	O
		R6032	R6000	R6033	R6011	R6010
EU / MEA	SM-A705FN	Solder			Solder	
CIS	SM-A705FN	Solder			Solder	Solder
SWA	SM-A705GM		Solder	Solder		
SEA	SM-A705F	Solder				
SEA	SM-A705MN			Solder	Solder	
LA	SM-A705MN			Solder	Solder	
Taiwan/KH	SM-A7050					Solder
Korea	SM-A705N				Solder	
China	SM-A7050					Solder
Canada	SM-A705W	Solder	Solder	Solder	Solder	Solder

SHIELD CAN/BOTH HOLE



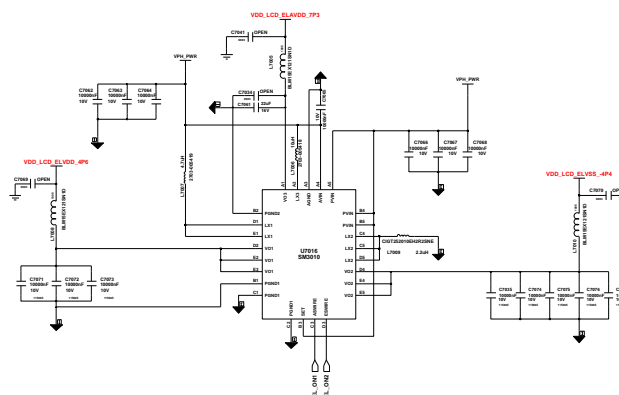
GND contact

OVP

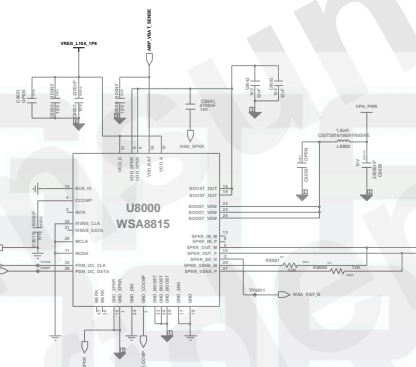


DISPLAY

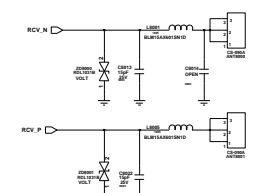
DISPLAY PM IC



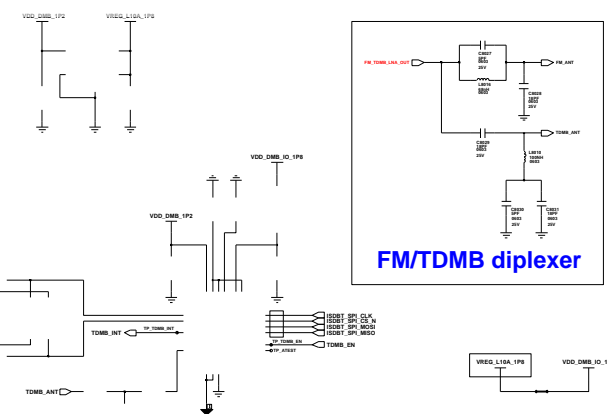
Engineer:	CAMERA, DISPLAY, MH	
Drawn by:		
R&D CODE:		TITLE:
DWG CTRL. CODE:		A70
INFO & TUTOR CODE:		
QA CODE:	REV	Drawing Number:



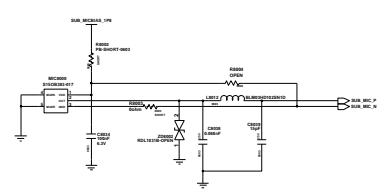
SPK I/V SENSING BOOST AMP



RCV



FM/TDMB diplexer



SUB MIC

	AUDIO	
LOG CTRL CHAN:	A70	
MFG ENGR LMR:		