

PROJECT NAME : ELIC1
GOOGLE PROJECT NAME: PANTHEON
PCB NO : LS-G741P

Compal Confidential

Schematic Document

Pantheon

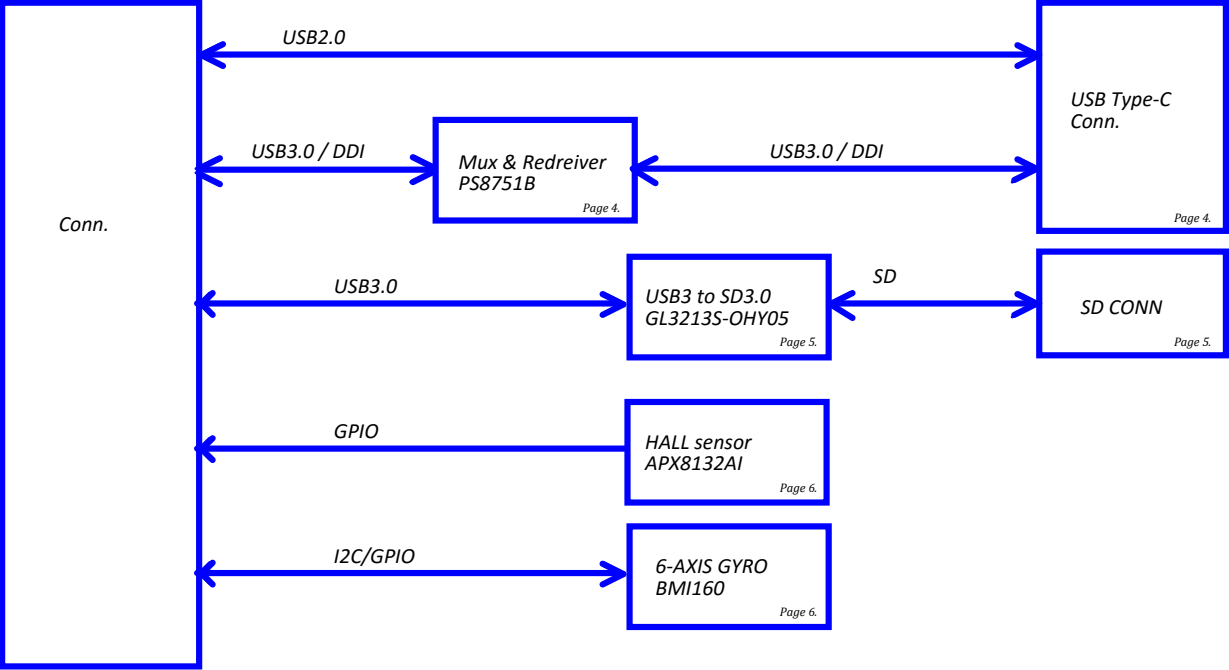
ELIC1 TYPE-C PD & SENSOR & CARD READER DB

Rev: 1.0

2018.07.13

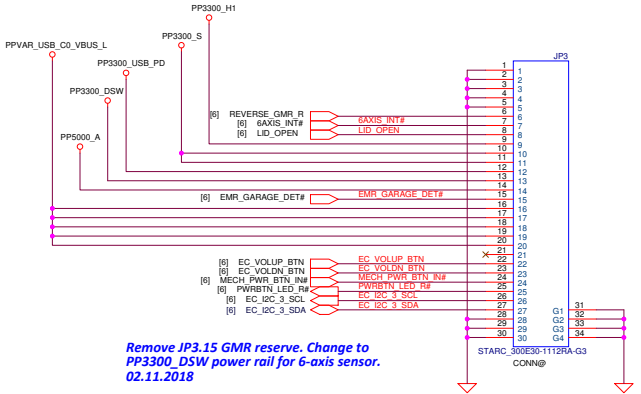
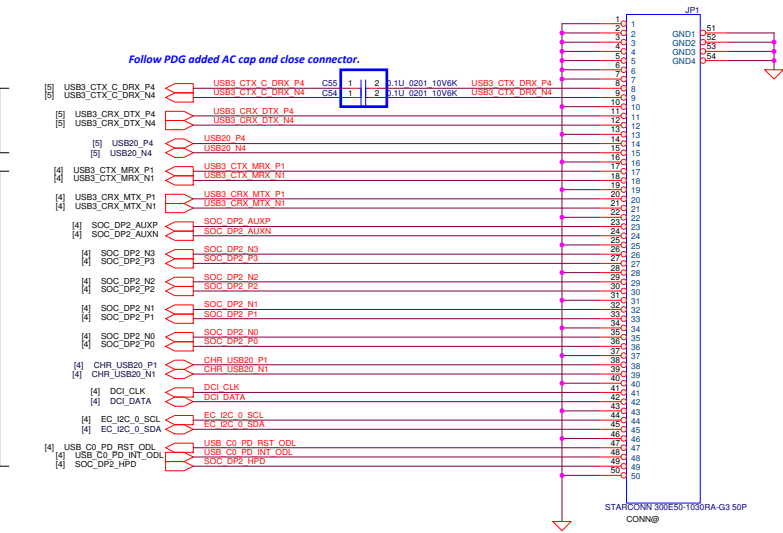
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				LS-G741P	1.0
				Date: Thursday, July 19, 2018	Sheet 1 of 7

LS-G741P

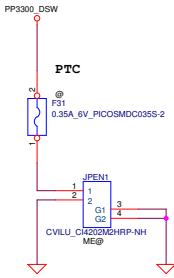


USB3 to SD
card reader

TYPE-C

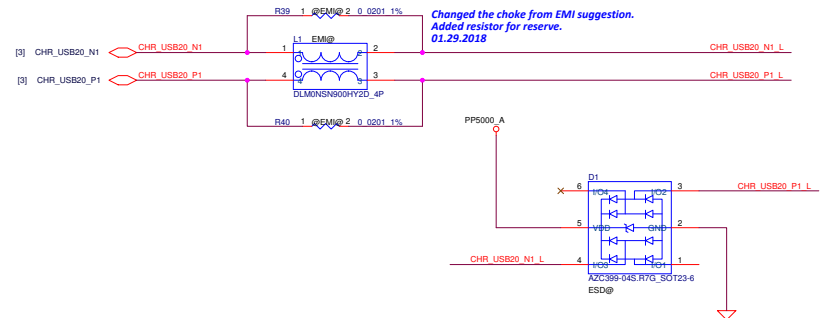
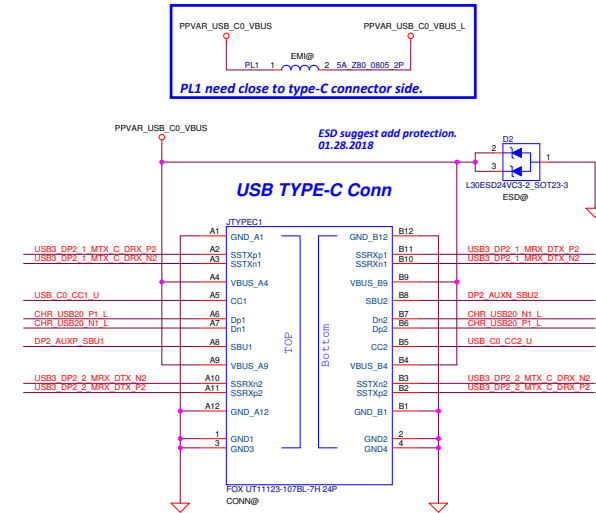
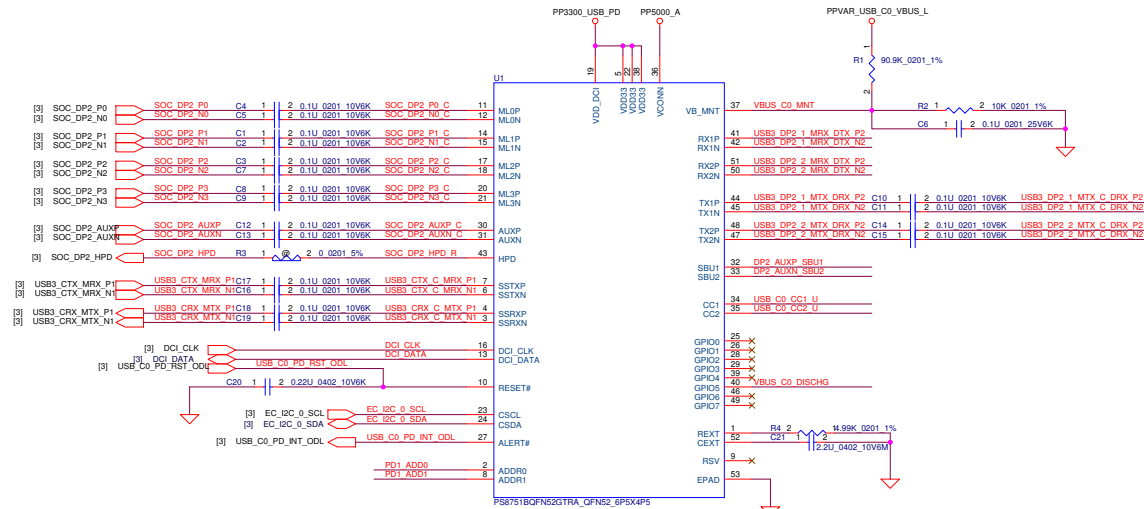


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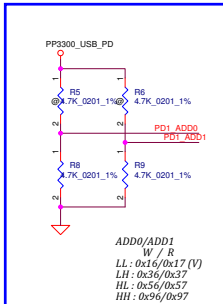


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Date:	Thursday, July 19, 2018	Sheet	3	of	7

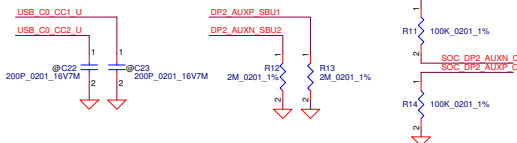
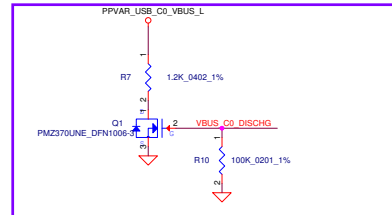
MUX & Redriver



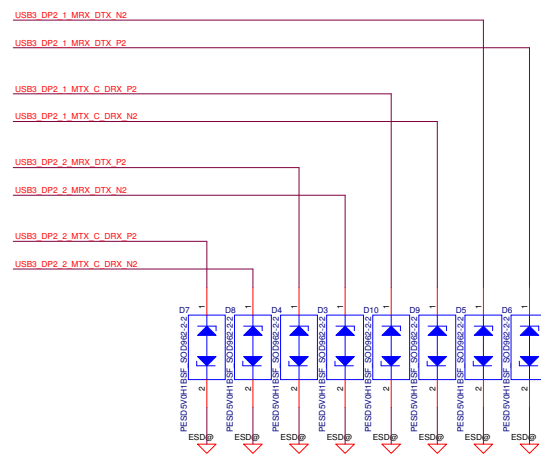
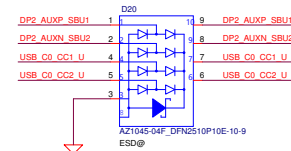
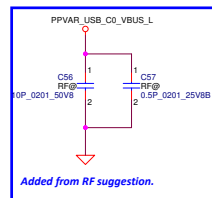
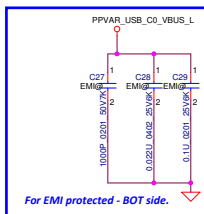
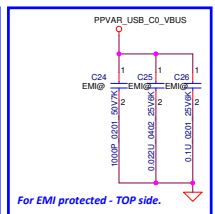
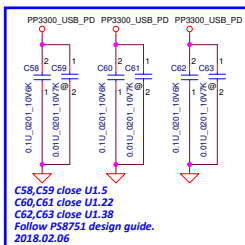
U1 I2C address



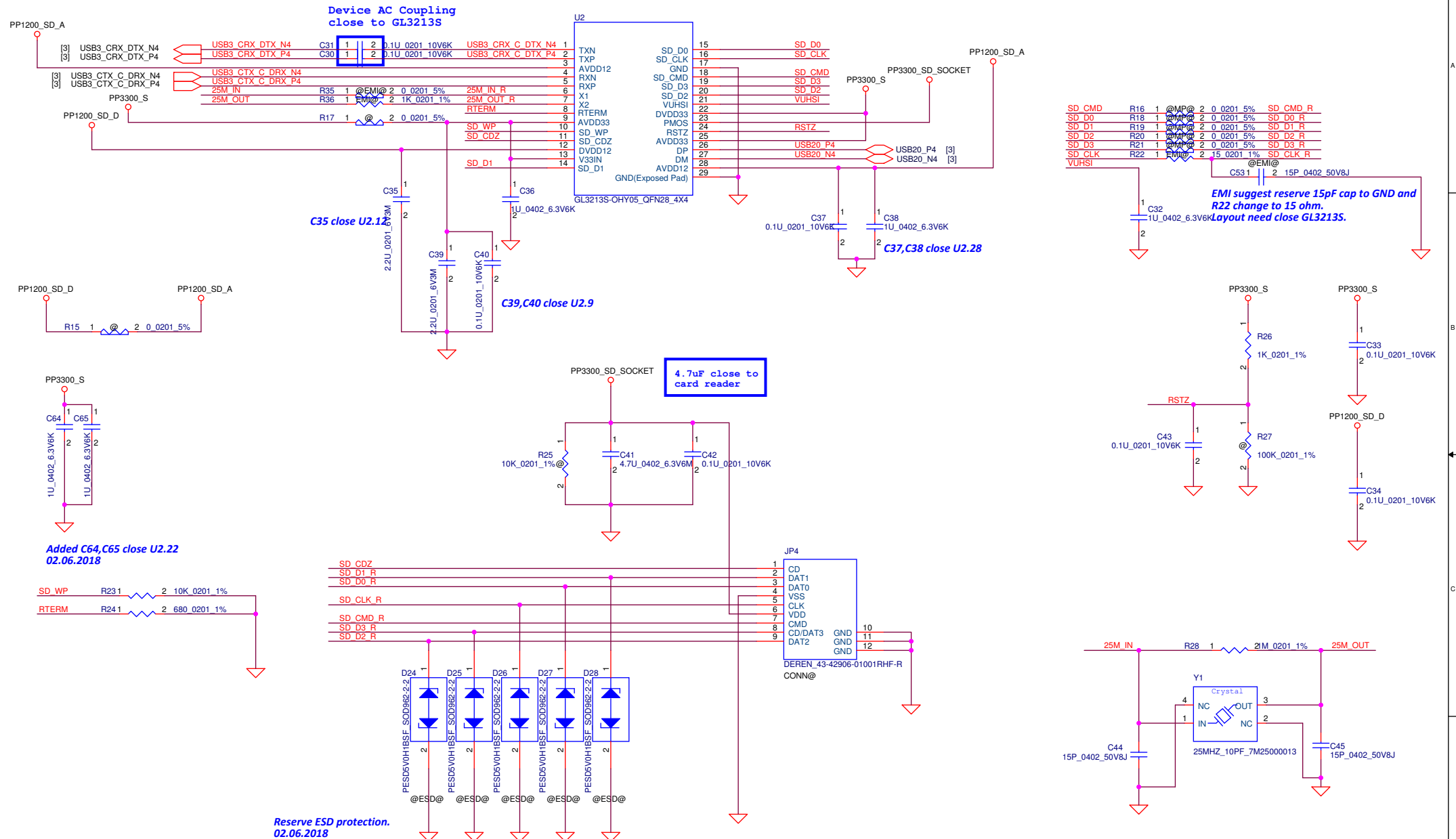
For Control 5V / 20V discharge



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@ = DNS

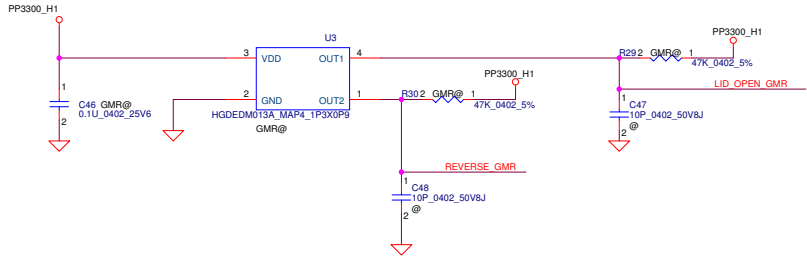


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								USB3 to SD Card reader	
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						Document Number			
						LS-6741P			
Date: Thursday, July 19, 2018						Sheet 5 of 7			

@ = DNS

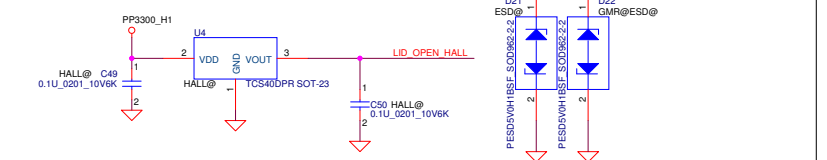
Pen detect

GMR sensor

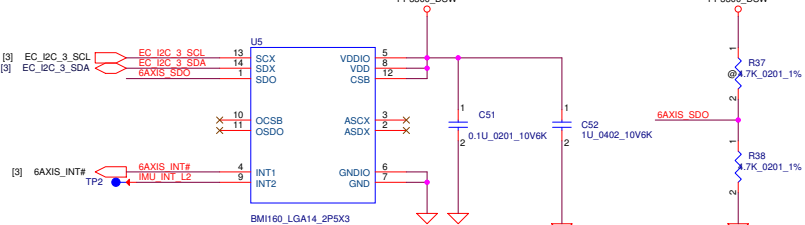


Default stuff R33
(HALL sensor function)

LID switch



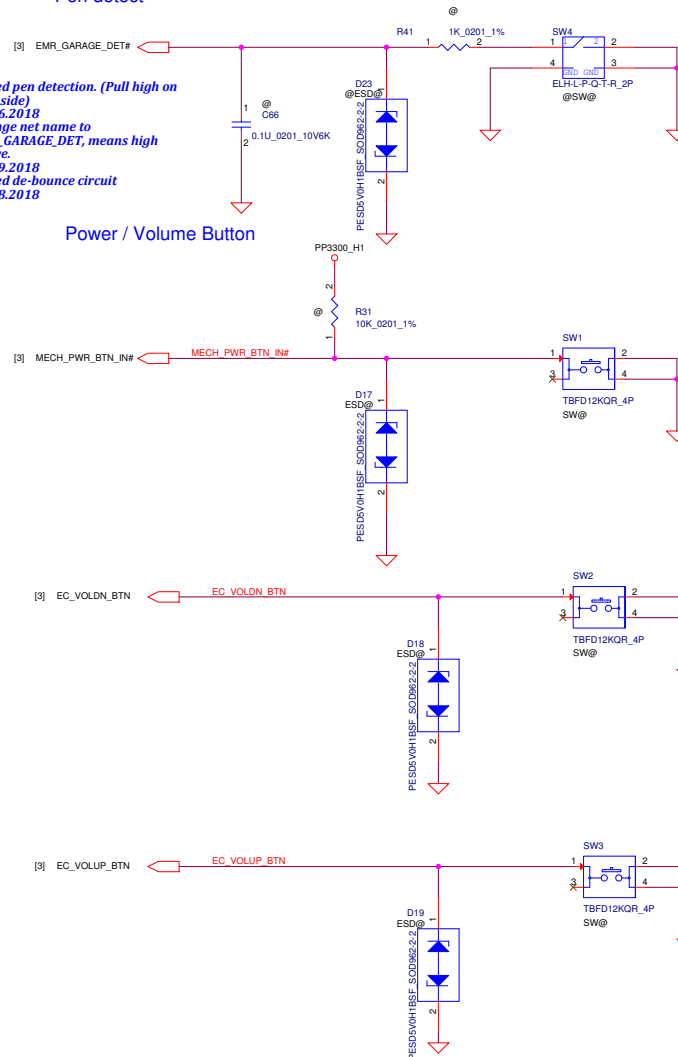
6-AXIS GYRO



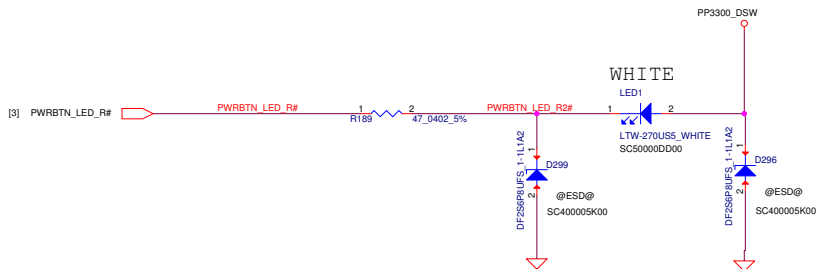
Change 6-axis sensor power rail to PP3300_DSW.
2018.02.11

Added pen detection. (Pull high on
M/B side)
02.06.2018
Change net name to
EMR_GARAGE_DET, means high
active.
05.09.2018
Added de-bounce circuit
05.18.2018

Power / Volume Button



WHITE
LED1



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				LS-G741P
				Rev 1.0
				Date: Thursday, July 19, 2018
				Sheet 6 of 7

Item	Page	Function/Signal/Parts	Change Description	Modified date
Proto change list				
1	3	JPEN1, F31	Reserve JPEN1 and F31 for Active Ppen function	2018/3/9
2	6	LED	Add LED1 and Q77 for power LED. D296 and D299 are reserved.	2018/3/9
3	3	LED	JP3.25 change to PWRBTN_LED_R# and connect to R189.1. Remove Q77	2018/3/21
4	5	0.0201 1%	R3, R15-R21, R33, R35, R36 change to 0.0201 5%	2018/3/26
5	4	0.1U 25V K X5R 0201	C6, C26, C29 SE00001AA00 change to SE00001AAZ0	2018/3/26
6	5	2.2U 10V K X5R 0201	C35, C39 change from 2.2U 0201 10V to 2.2U 0201 6V3M	2018/3/26
EVT change list				
7	4	D1	D1 change to SC300001G00 by ESD request	2018/4/26
8	3	REVERSE_GMR_R	REVERSE_GMR_R connect to JP3.6	2018/4/30
9	6	R33	R33 change to 3.3k	2018/5/2
DVT change list				
10	6	HALL sensor	Change R32 and R34 to 3.3K ohm.	2018/6/1
11	5	R36, C44, C45	Changed R36, C44 and C45 value to have better frequency deviation.	2018/6/1
12	6	R31	R31 unstuff, due to double pull high with M/B	2018/6/1
13	6	LED1.2	PP5000_A change to PP3300_DSW	2018/6/1
14	6	C66, R41	Added circuit for SW4 debounce.	2018/6/1
15	4	D1	D1.5 change to PP5000_A and D1 component change to AZC399-04S (SC300005Y00)	2018/6/3
16	6	C66, R41	Unstuff R44, C66 due to not support PEN function.	2018/6/19
PVT change list				
17	4,5	R3, R16, R18, R19, R20, R21, R17, R15, R35	0ohm change to shortpad	2018/7/13
18	3	PCB Compal PN	PCB Compal PN change to DAZ2DB00100	2018/7/13

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				Date	Thursday, July 19, 2018
				Sheet	7 of 7
				Rev	1.0