

ZBC_DROID/BLORB_subboard_USB_LTE

SCH:
ASSY:
PCB:

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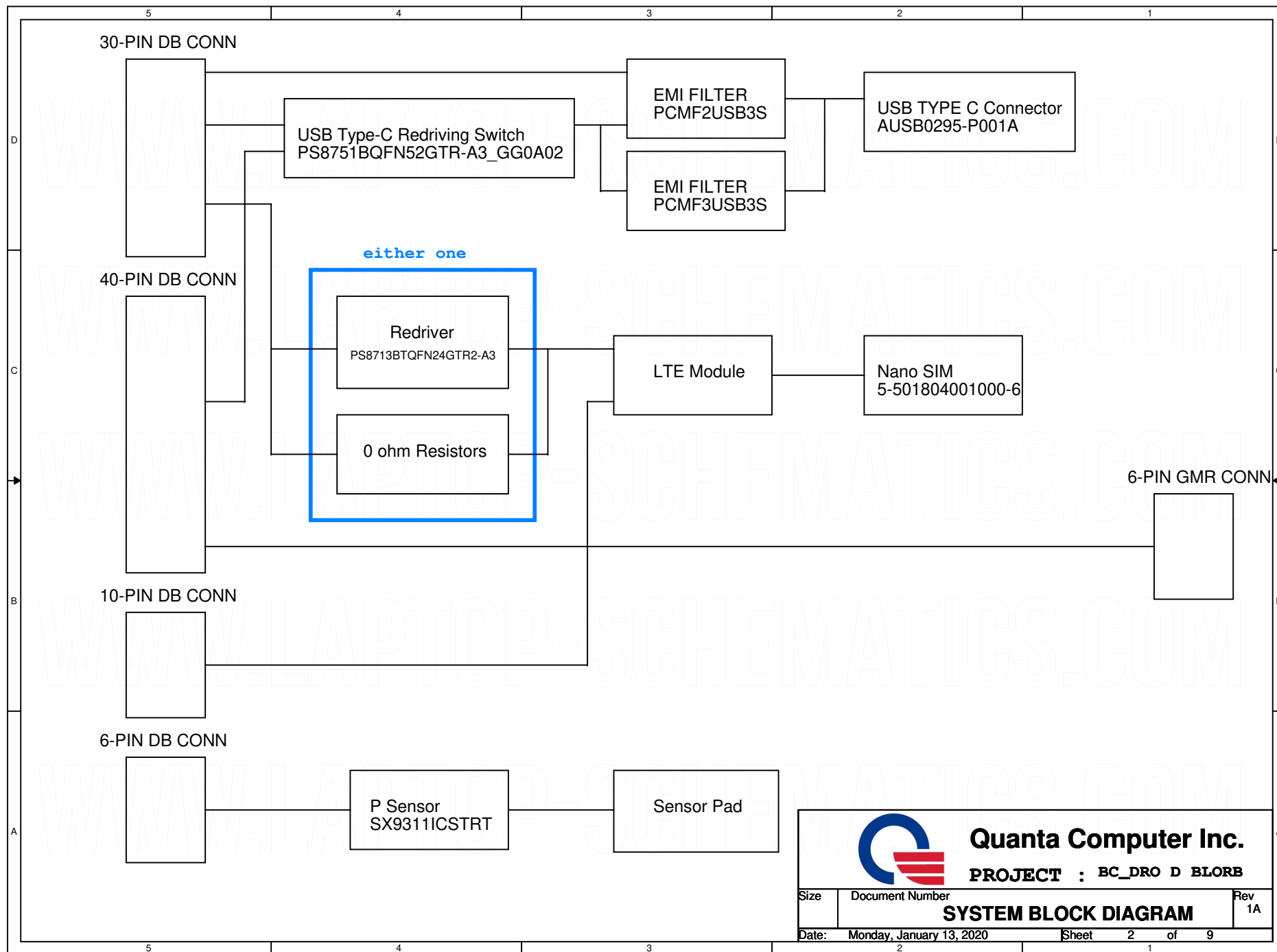
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Notes:

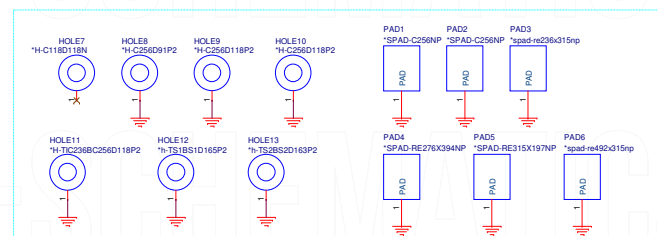
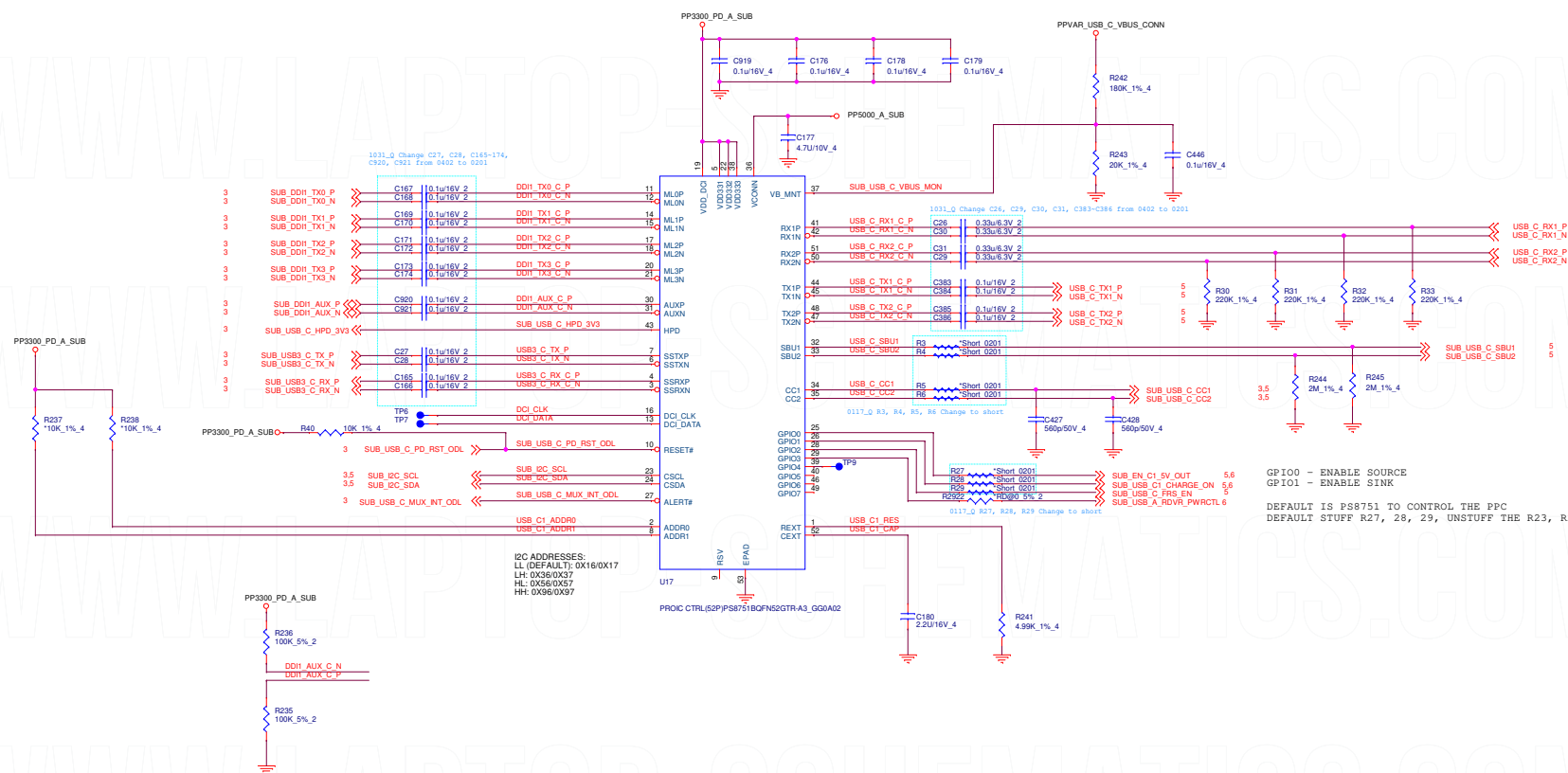
Part Value Prefix : "*" means no stuff

BOM value option		
RD@	USB 3.0 Redriver	Either one
NRD@	Non-USB 3.0 Redriver	
LTE@	LTE Module	
PSR@	P-Sensor	



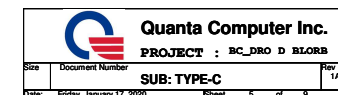
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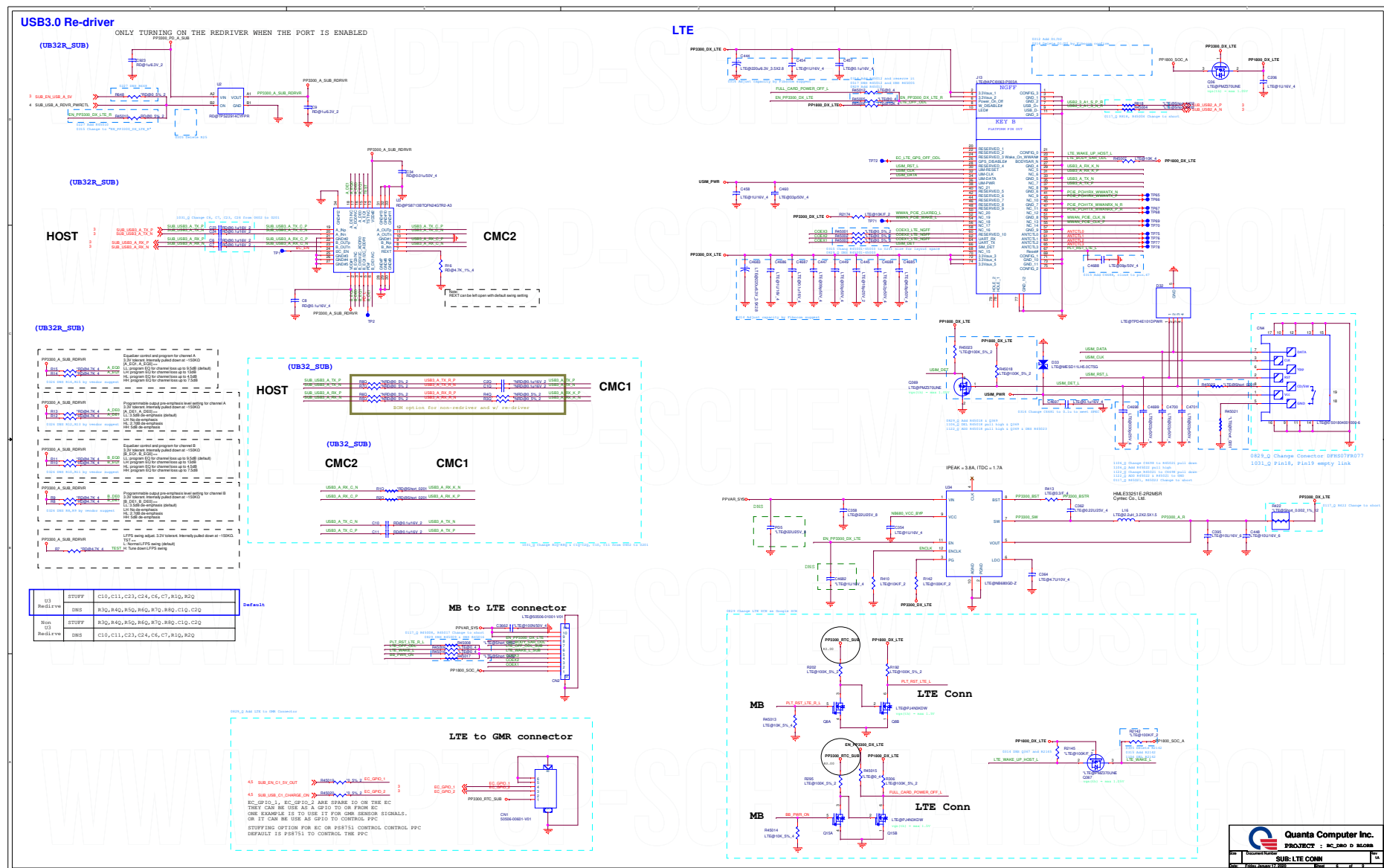
DAUGHTER BOARD

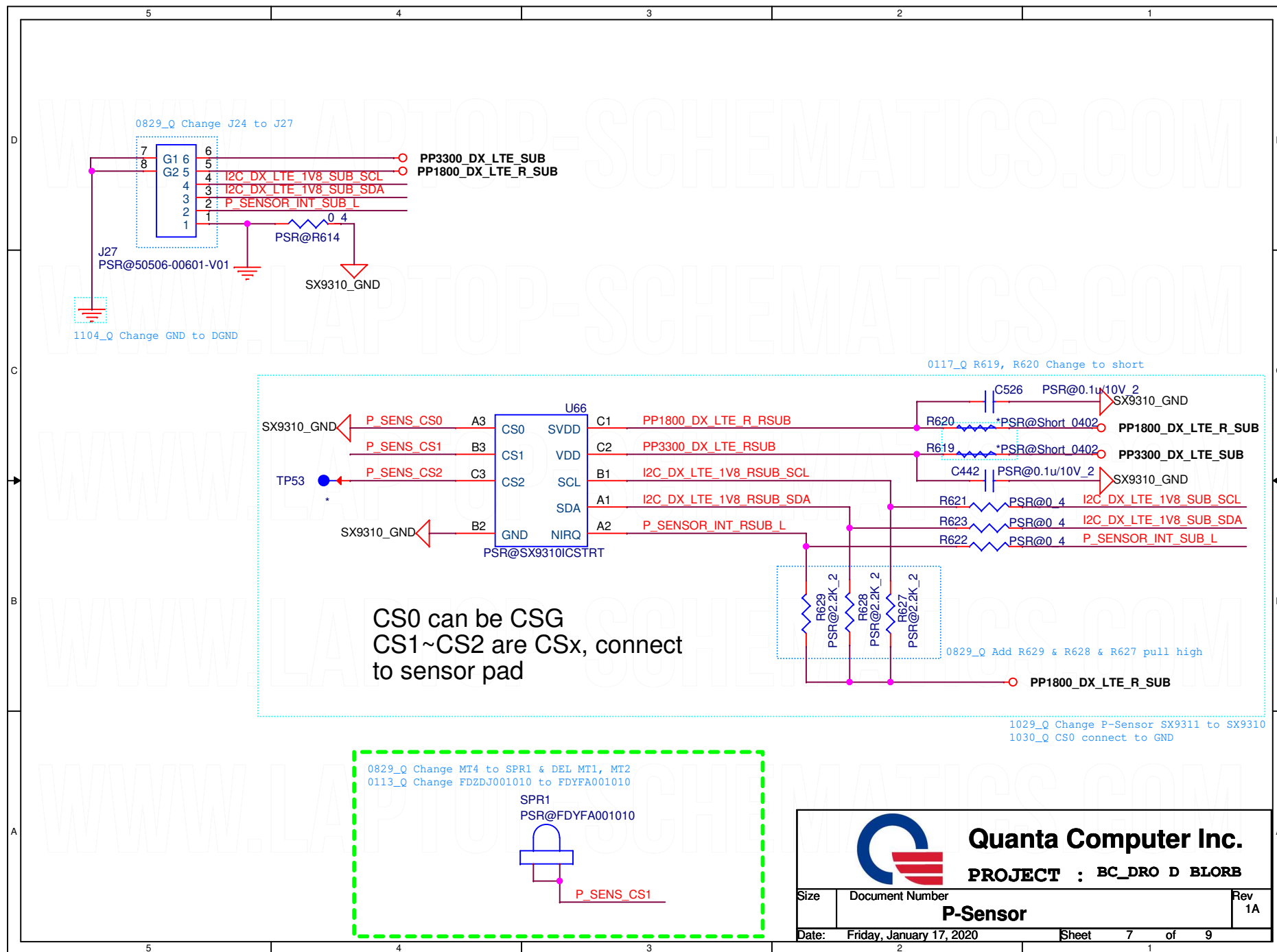


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1031_Q DEL Hole1, Hole2, Hole3, Hole4, Hole5, Hole6
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1030_Q Add Hole7, Hole8, Hole9, Hole10, Hole11, Hole12 , Hole13 & PAD1, PAD2, PAD3, PAD4, PAD5, PAD6
1031_Q Change PAD3 fp & PAD6 fp
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Model	Date	CHANGE LIST
ZBC_DROID/BLORB	03/12	1. Add D1/D2 to meet L850-GL spec
	03/14	1. Adjust capacitance on PP3300_DX_LTE to follow module's requirement 2. Delete D1/D2 (TVS on USB2.0) by Fibocom confirm 3. Add R45012 and reserve it 4. DNS Q367 and R2145 by don't support wakeup function 5. Change C4681 to 0.1u and C462/C463/C467 to 22pF and delete C461/add R45011 to meet spec
	03/15	1. Chang R45001~45003 to 0201 size for layout space 2. Stuff R45008 & DNS R45009 for power sequence 3. Stuff R45012 & DNS R45005 for power sequence 4. Add R2142 back by google request 5. Connect R45010 to "EN_PP3300_DX_LTE_R" for power control 6. Add C4688, close to pin.67 7. Add Q368,Q369,R41 and reserve it by google demand
	03/18	1. Add C461 back and delete R45011 to meet spec
	03/26	1. DNS R8,R9,R10,R11,R12,R13,R14,R15 to set EQ/DE as default on USB3 redriver by vendor suggest
	05/17	1. DNS R5012,R45008 2. Add level shift Q8,Q15 for leakage issue 3. Del Q368,Q369,R41 for leakage issue
	05/21	1. R202,R192,R295,R306 from 10k change to 100k
	08/29	1. PAGE3 : DEL GMR & Move EC_GPIO_1, EC_GPIO_2 to Page 6 2. PAGE6 : Add LTE to GMR Connector 3. PAGE6 : Change LTE SCH as Google SCH 4. PAGE6 : Change Conector DFHS07FR077 5. PAGE6 : Add R45012 & DNS R45001~45003 & Add R45018 , Q369 6. PAGE7 : Add P-Sensor
	10/29	1. PAGE7 : Change SX9311 to SX9310
	10/30	1. PAGE4 : Add Hole7, Hole8, Hole9, Hole10, Hole11, Hole12 , Hole13 & PAD1, PAD2, PAD3, PAD4, PAD5, PAD6 2. PAGE7 : CS0 connect to GND
	10/31	1. PAGE4 : DEL Hole1, Hole2, Hole3, Hole4, Hole5, Hole6 2. PAGE4 : Change PAD3 fp & PAD6 fp 3. PAGE4 : Change C26, C29, C30, C31, C383~C386, C27, C28, C165~174, C920, C921 from 0402 to 0201 4. PAGE6 : Change R1Q~R8Q & C1Q~C2Q, C10, C11, C6, C7, C23, C24 from 0402 to 0201 5. PAGE6 : Pin18, Pin19 empty link
	11/04	1. PAGE7 : Change GND to DGND
	11/05	1. PAGE3 : DNS R36, R37
	11/06	1. PAGE6 : DEL R45018 pull high & Q369 & R2142 2. PAGE6 : Change C4698 to R45021 pull down 3. PAGE6 : Add R45022 pull high
	11/22	1. PAGE6 : ADD R45018 pull high & Q369 & DNS R45023 2. PAGE6 : Change R45021 to C4698 pull down 3. PAGE6 : ADD R45022 & R45021 to GND

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