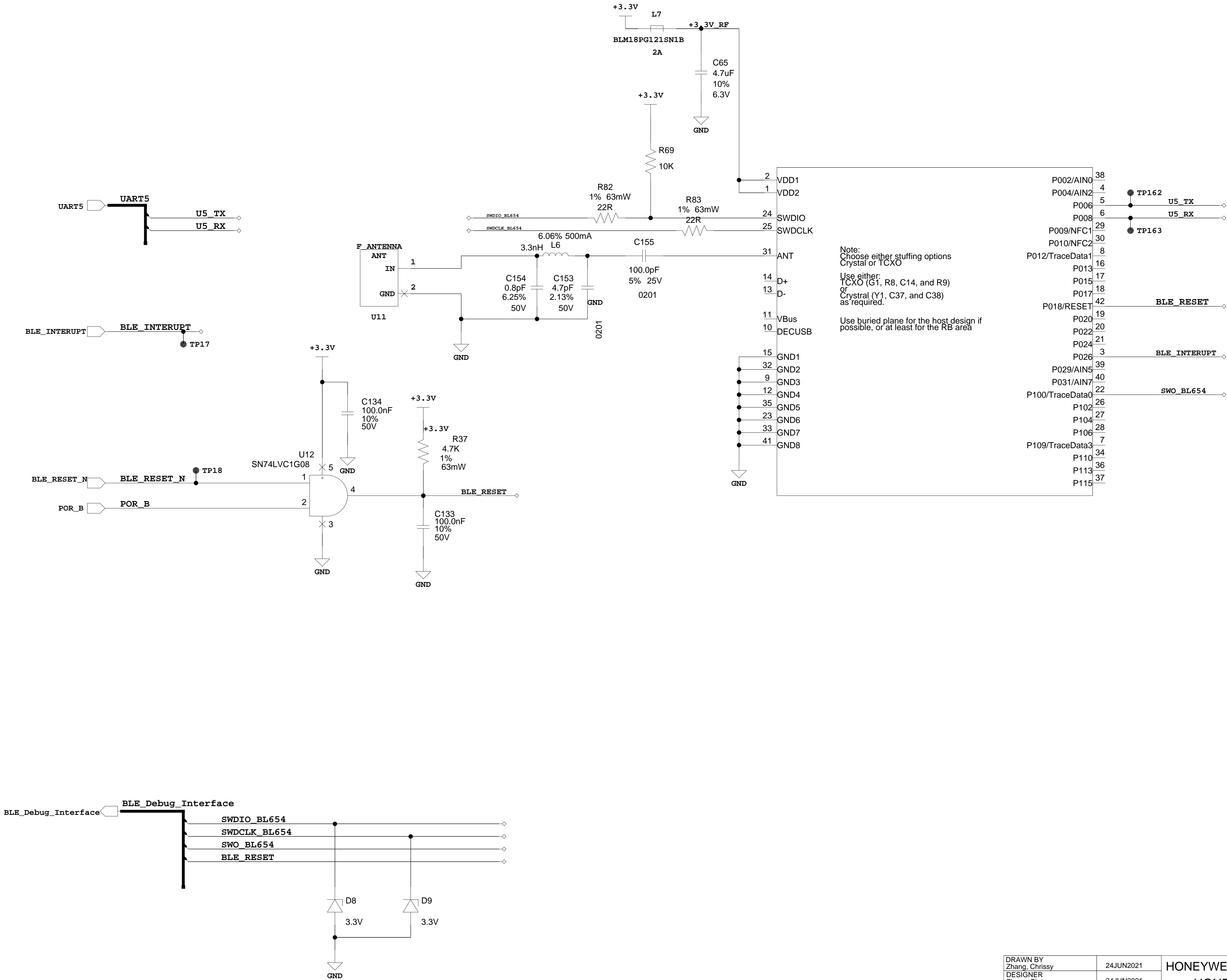
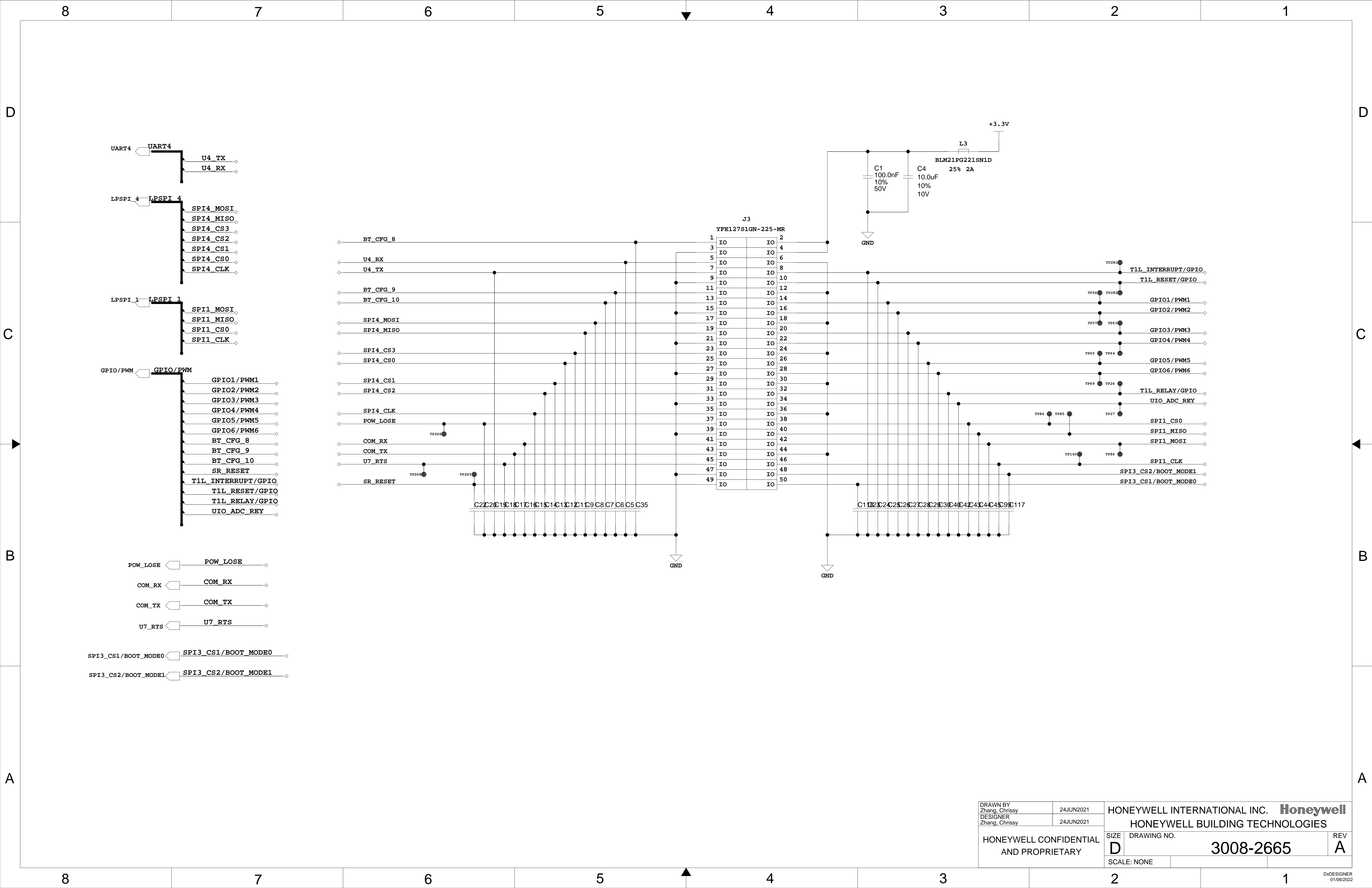


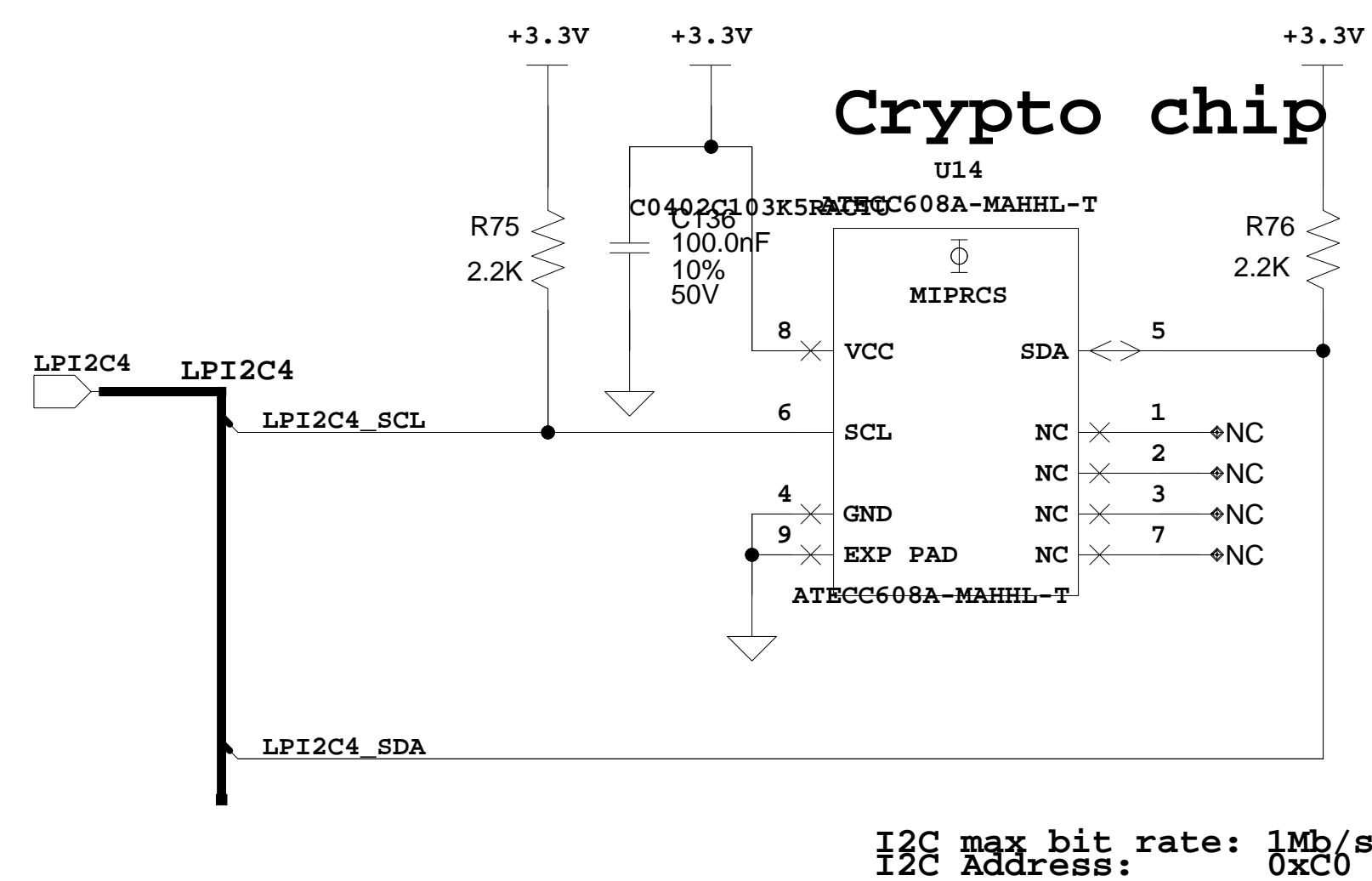
DRAWN BY Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES		
DESIGNER Zhang, Chrissy	24JUN2021			
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE	DRAWING NO.	REV
		<b>D</b>	<b>3008-2665</b>	<b>A</b>
		SCALE: NONE		



DRAWN BY Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES	
DESIGNER Zhang, Chrissy	24JUN2021		
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE <b>D</b>	REV <b>A</b>
		SCALE: NONE	

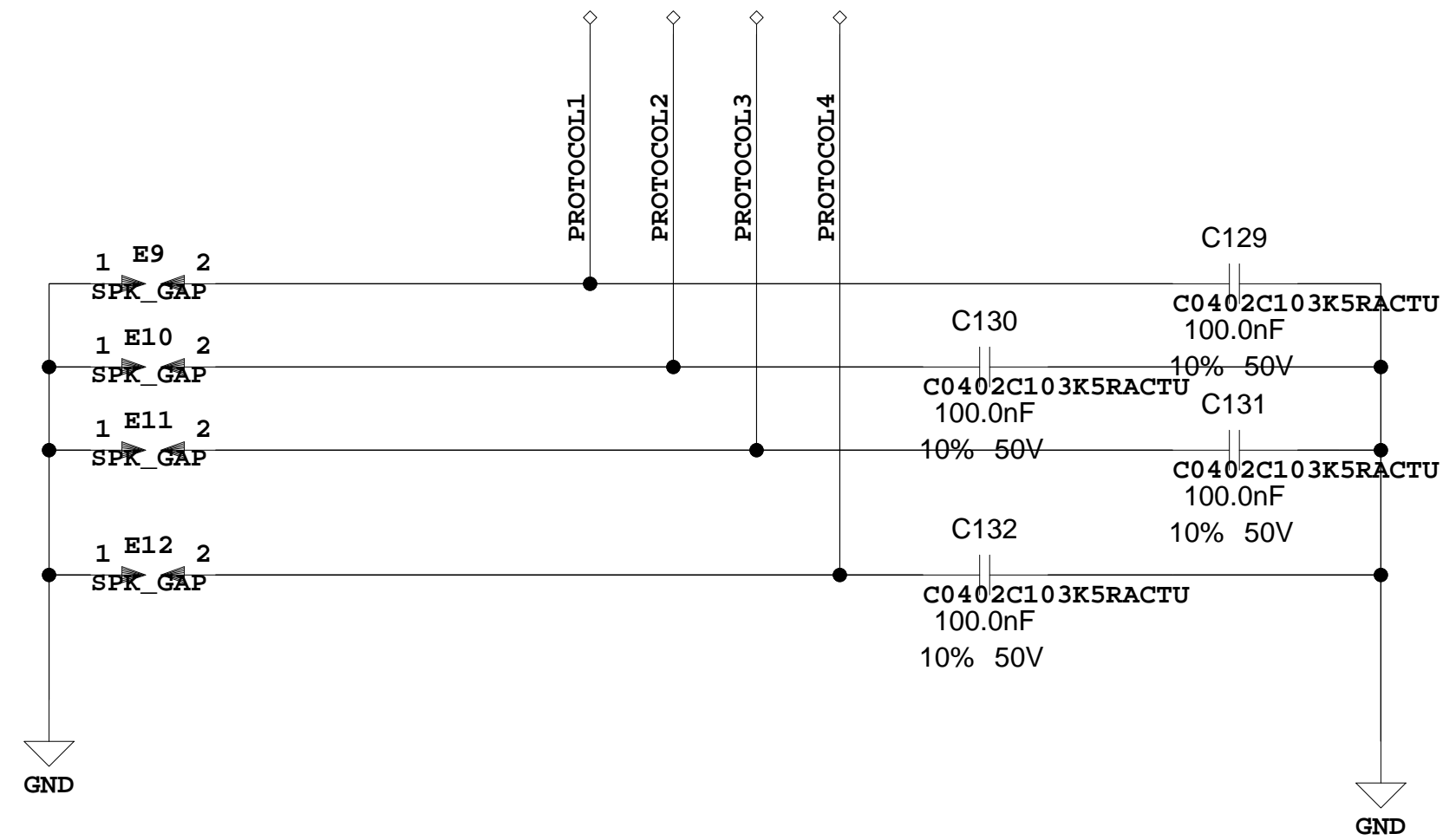
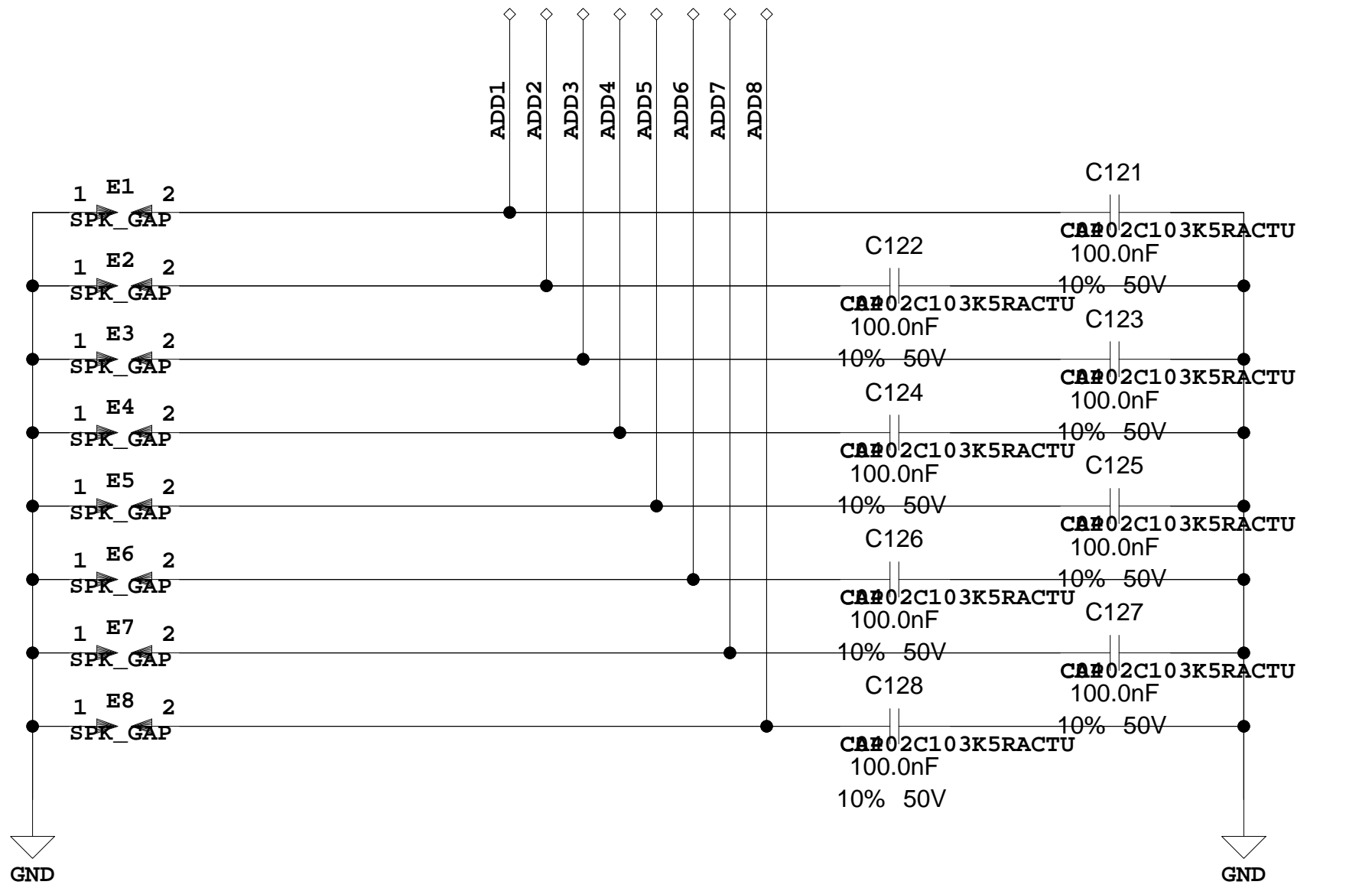
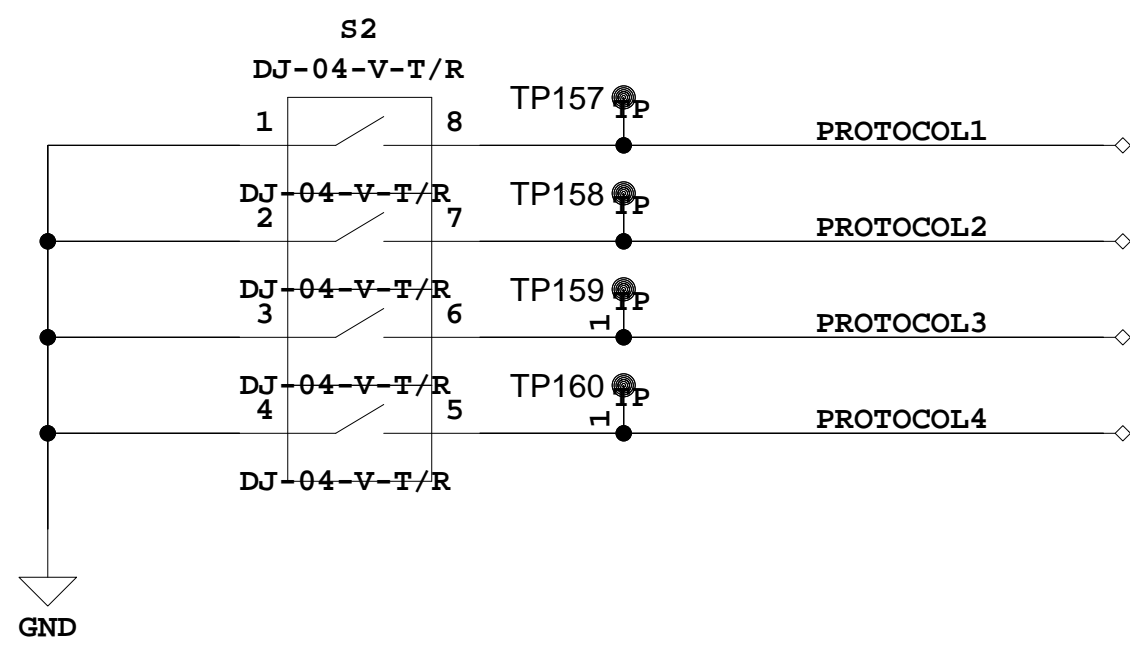
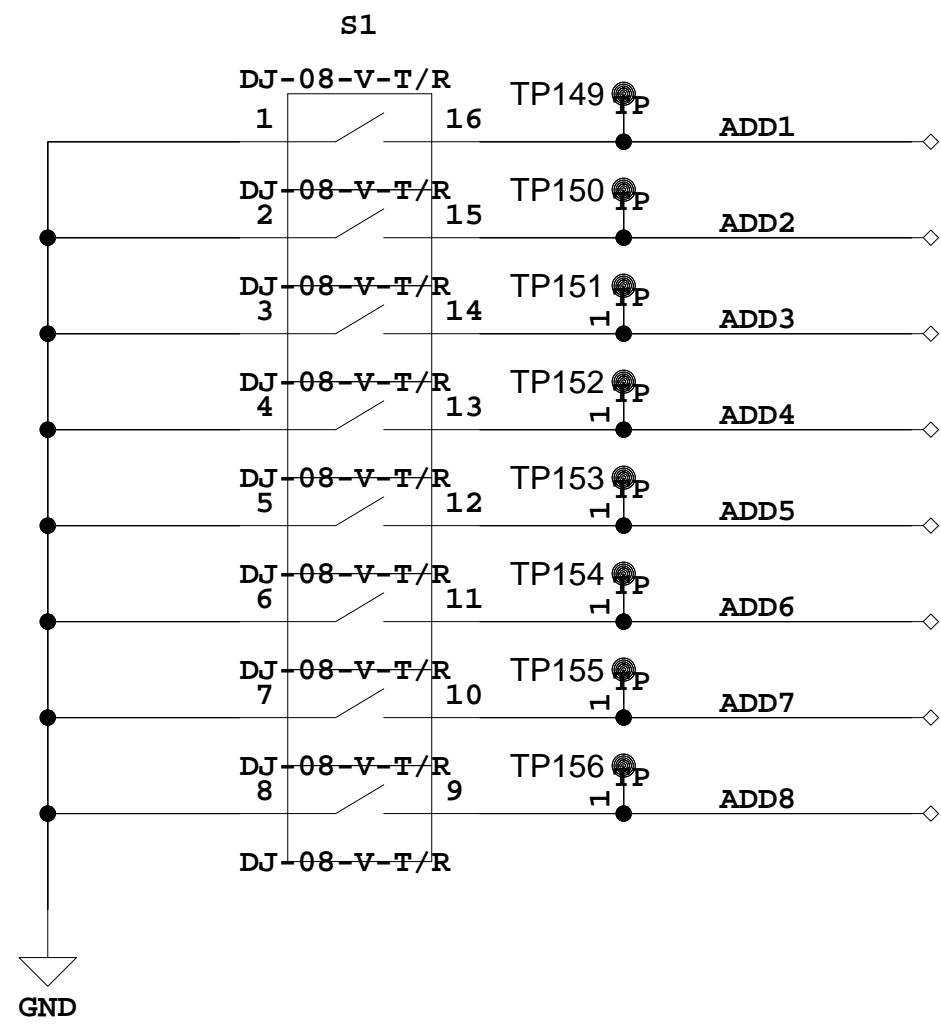
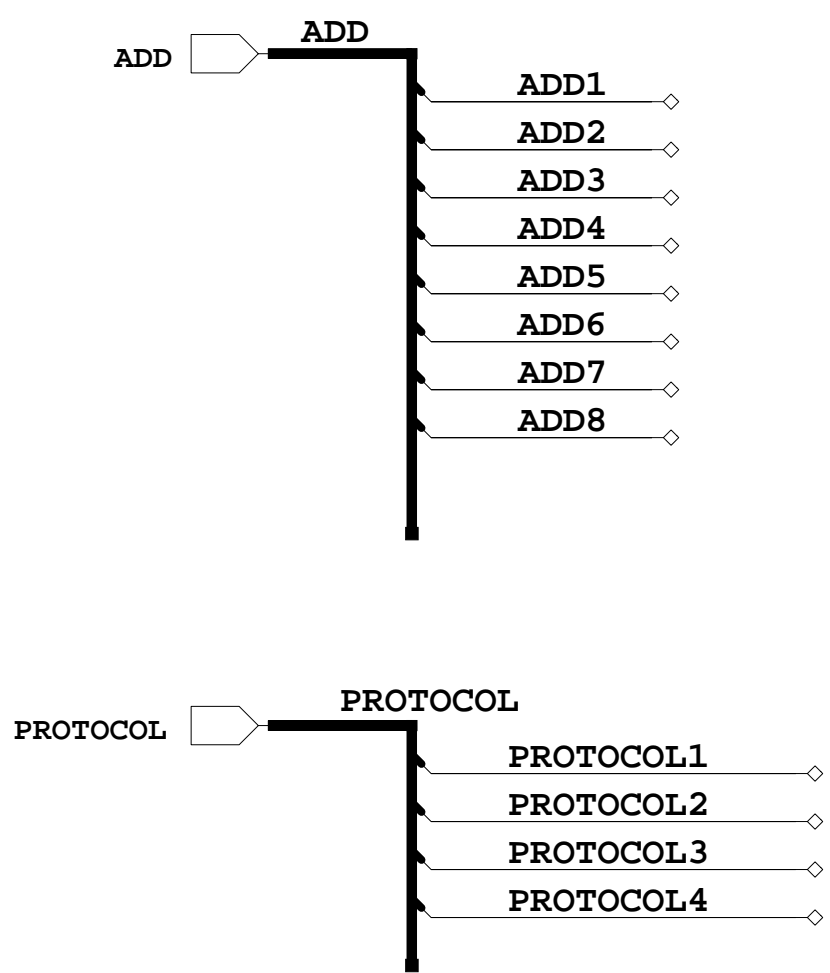






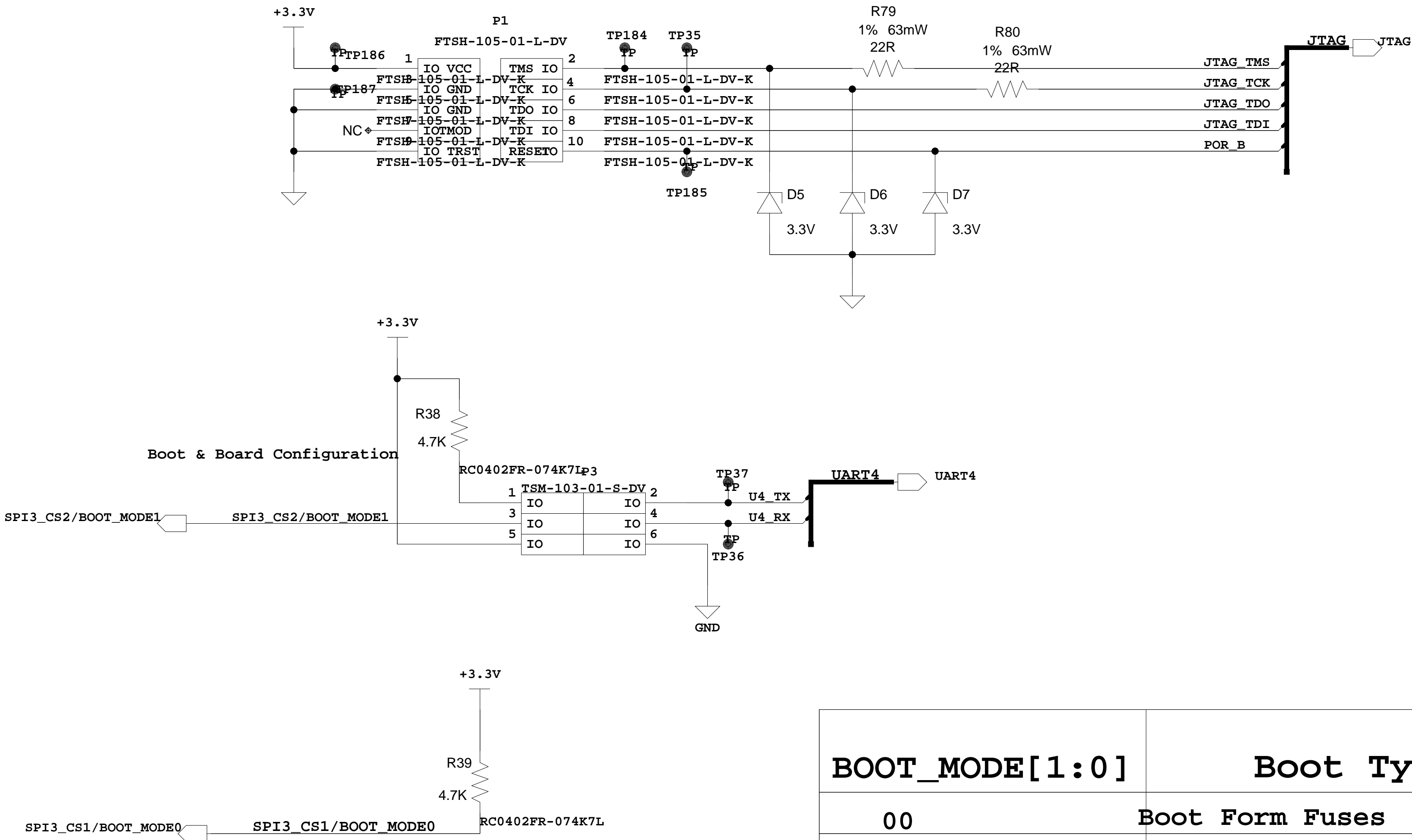
DRAWN BY Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES		
DESIGNER Zhang, Chrissy	24JUN2021			
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE	DRAWING NO.	REV
		<b>D</b>	<b>3008-2665</b>	<b>A</b>
		SCALE: NONE		



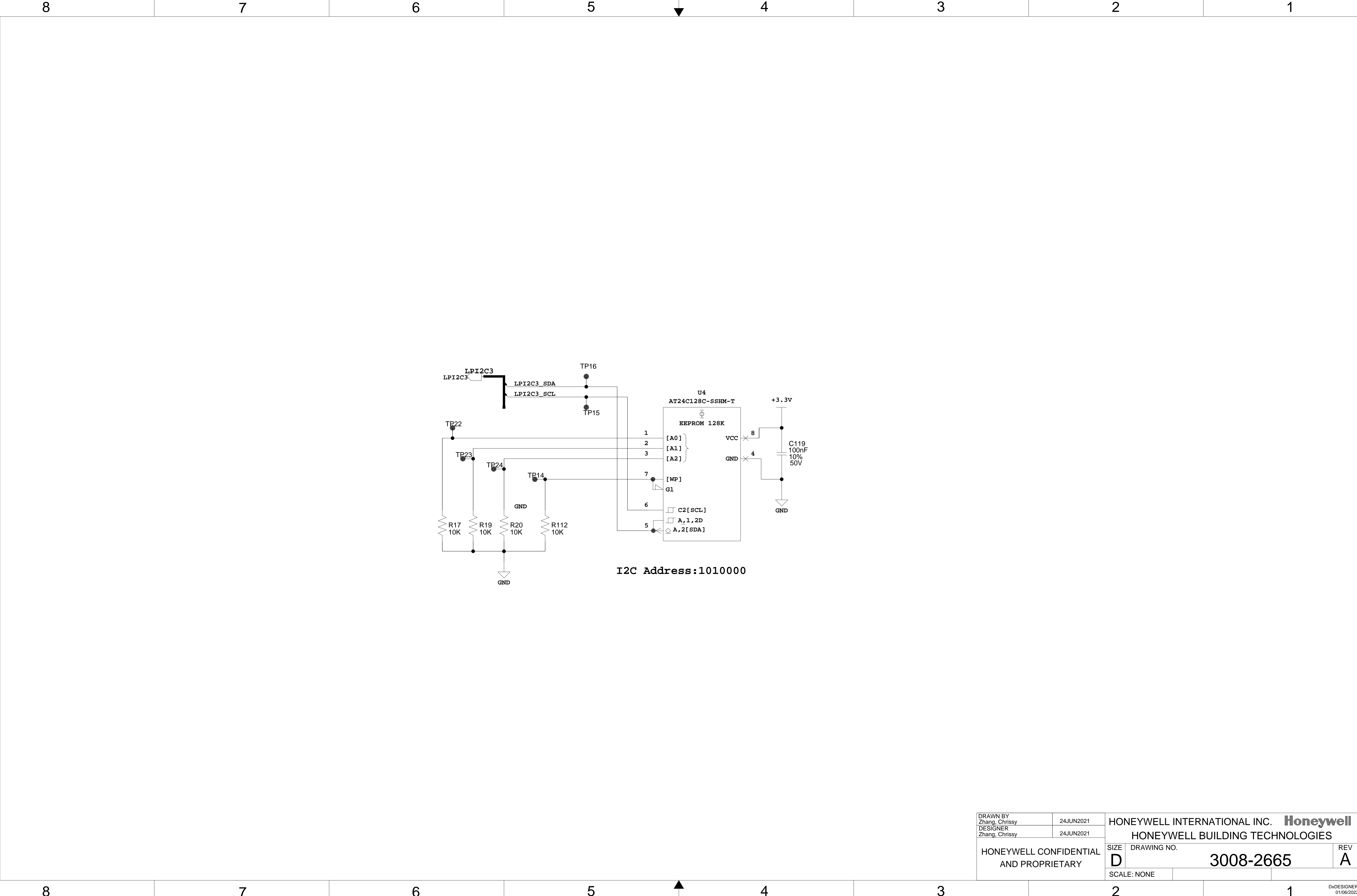


DRAWN BY Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b>		
DESIGNER Zhang, Chrissy	24JUN2021	HONEYWELL BUILDING TECHNOLOGIES		
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE	DRAWING NO.	REV
		<b>D</b>	<b>3008-2665</b>	<b>A</b>
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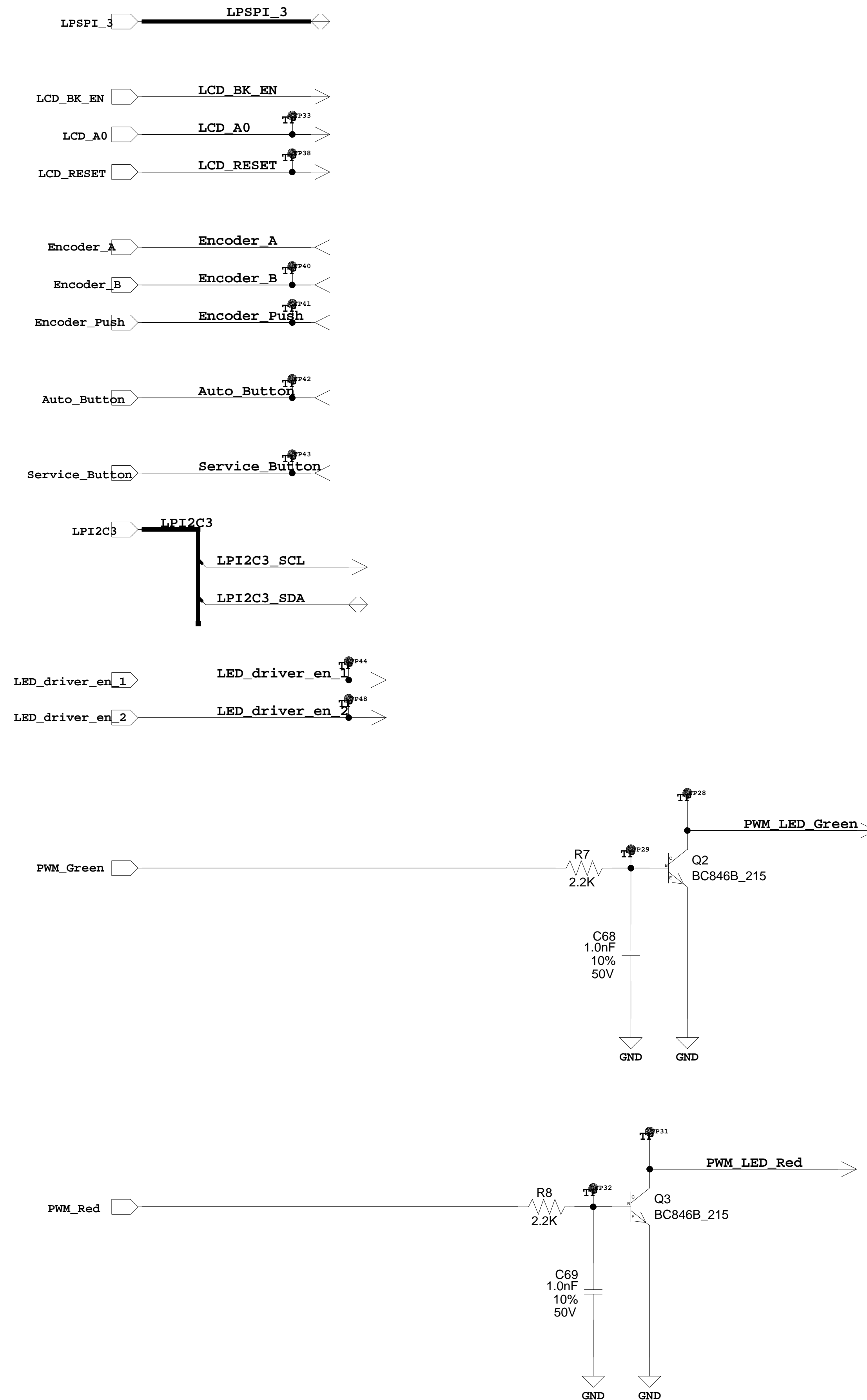
Processor JTAG



BOOT_MODE[1:0]	Boot Type
00	Boot Form Fuses
01	Serial Downloader
10	Internal Boot
11	Reserved

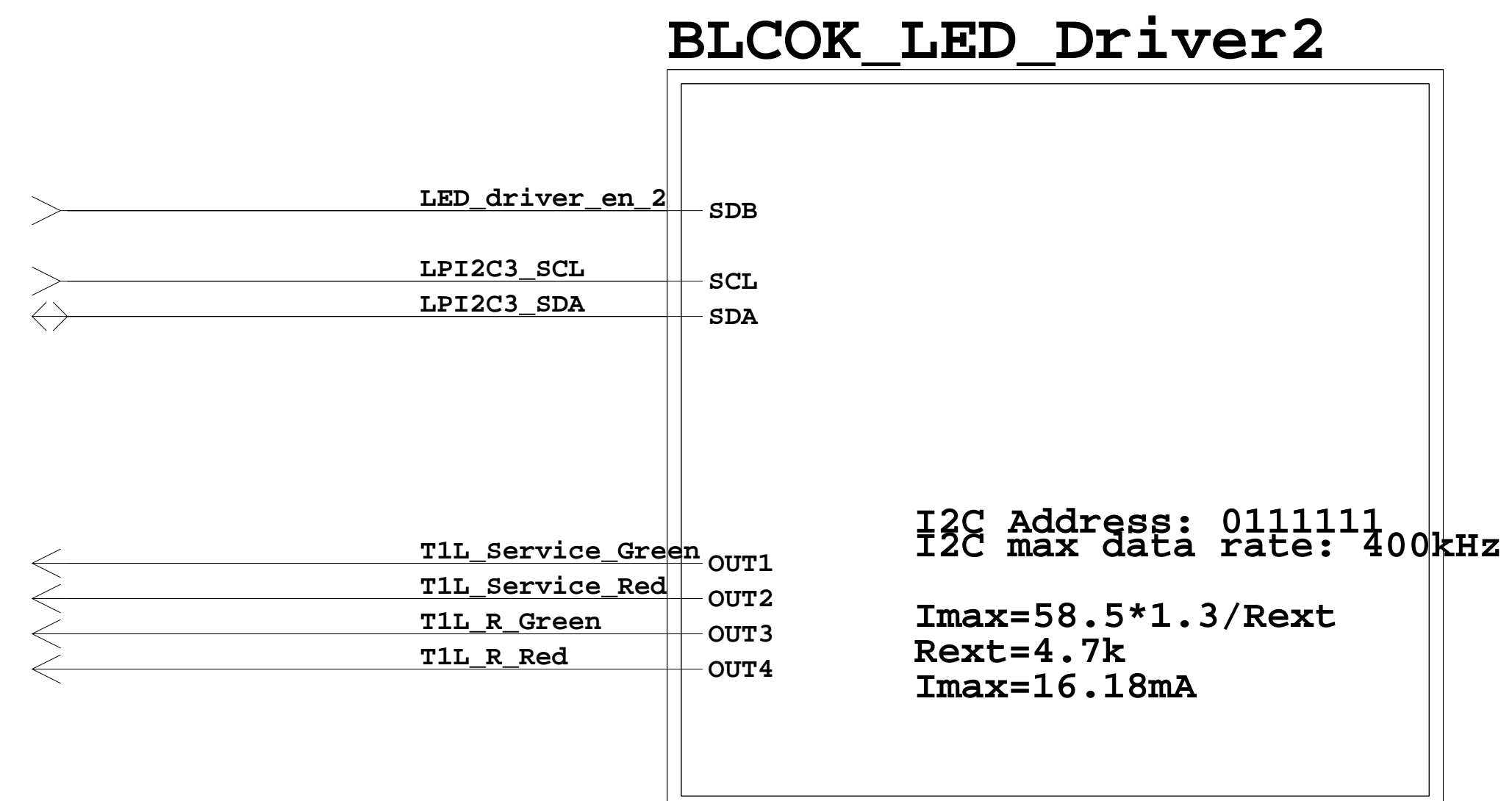


DRAWN BY Zhang, Chrissy		24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES	
DESIGNER Zhang, Chrissy		24JUN2021		
HONEYWELL CONFIDENTIAL AND PROPRIETARY			SIZE <b>D</b> SCALE: NONE	REV <b>A</b>
			DRAWING NO. <b>3008-2665</b>	



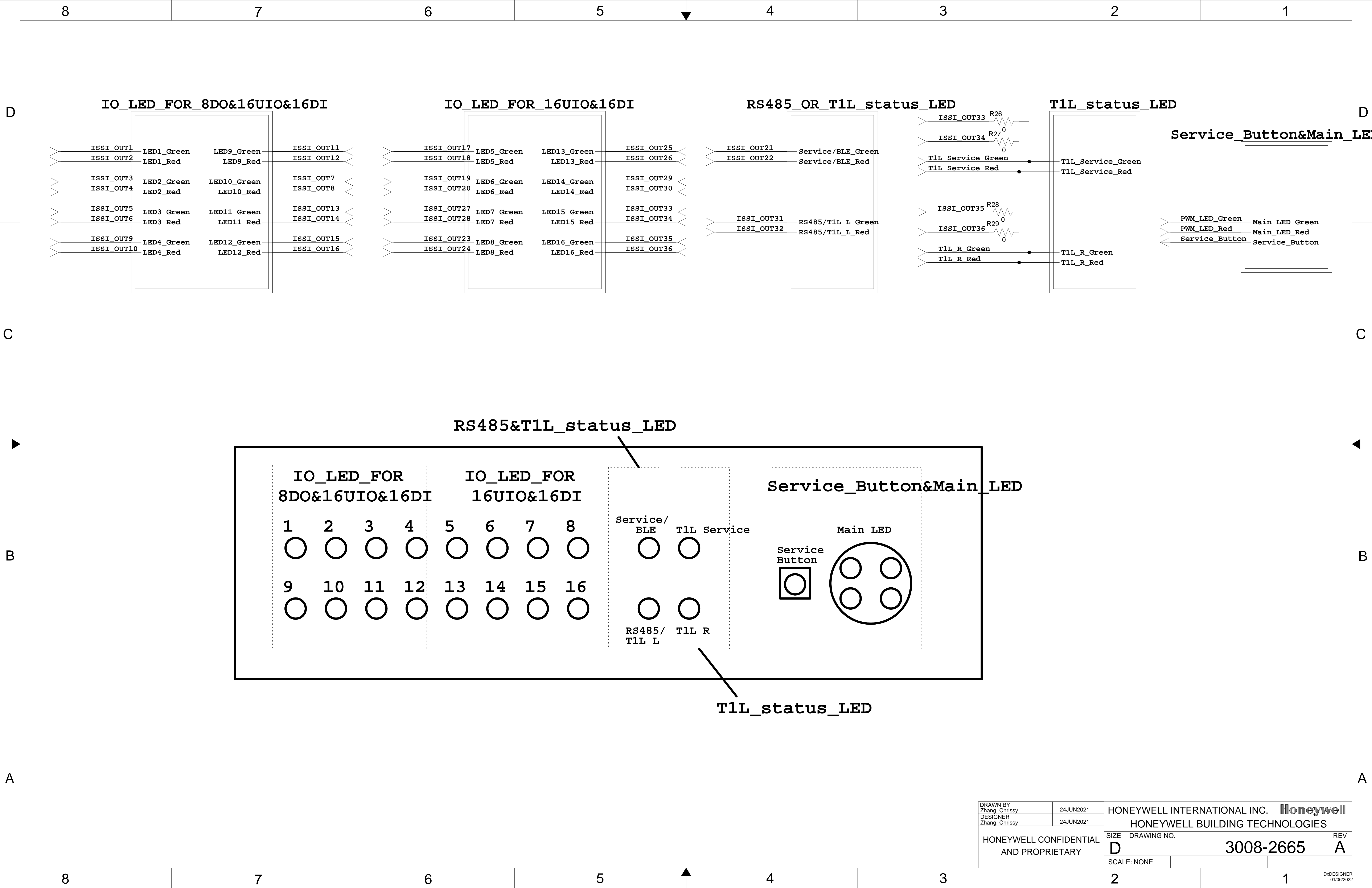
DRAWN BY Zhang, Chrissy		24JUN2021		HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES				
DESIGNER Zhang, Chrissy		24JUN2021						
HONEYWELL CONFIDENTIAL AND PROPRIETARY				SIZE	DRAWING NO.  3008-2665			REV
				D				A
				SCALE: NONE				



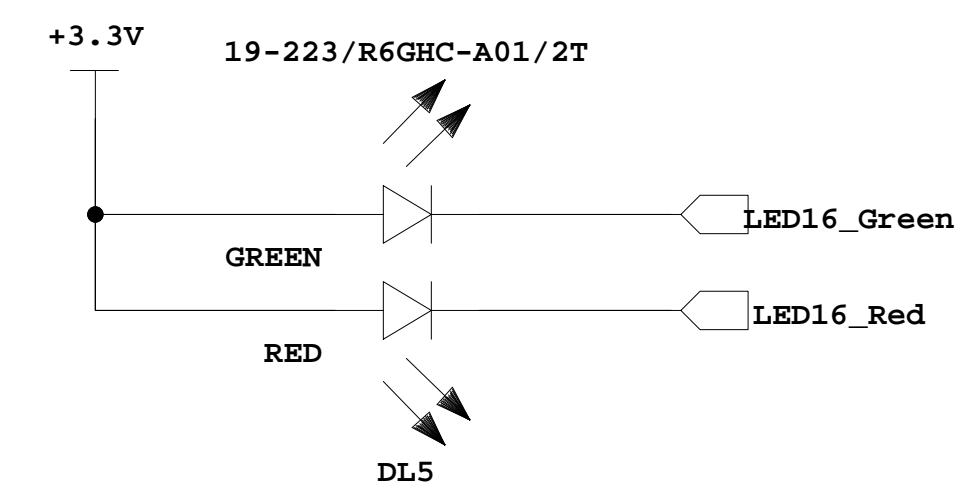
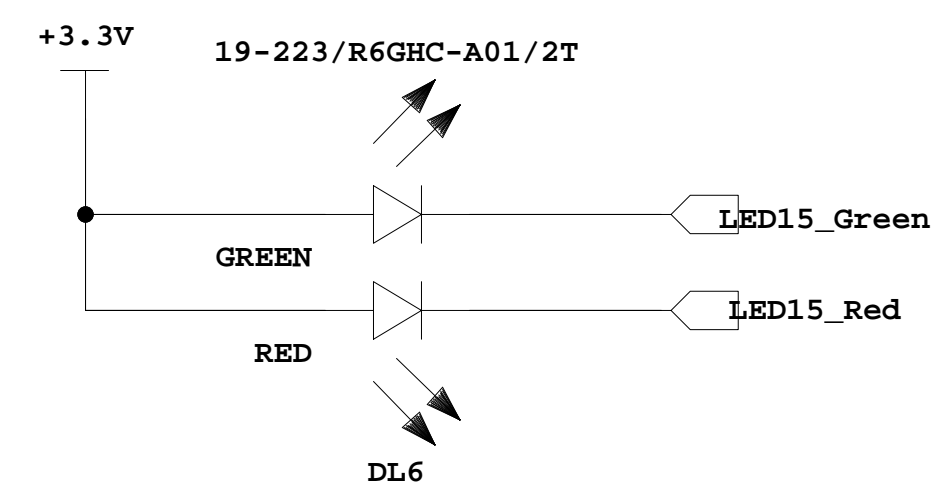
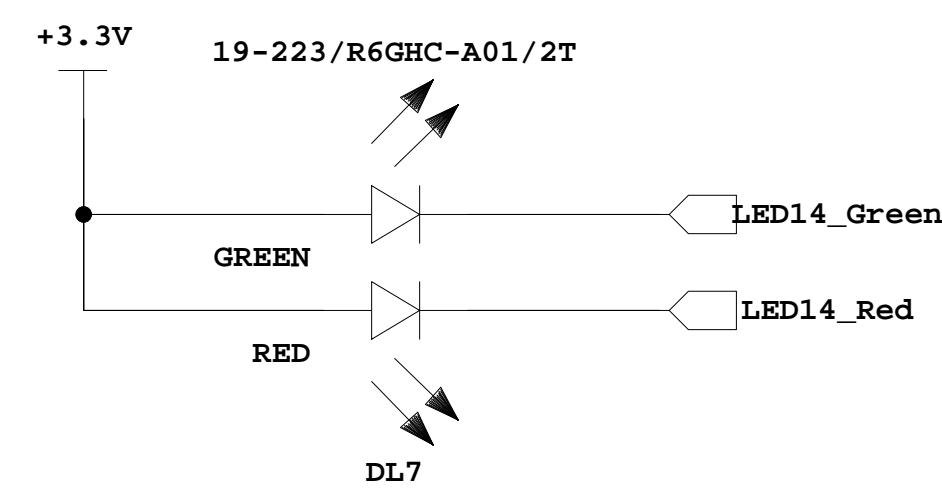
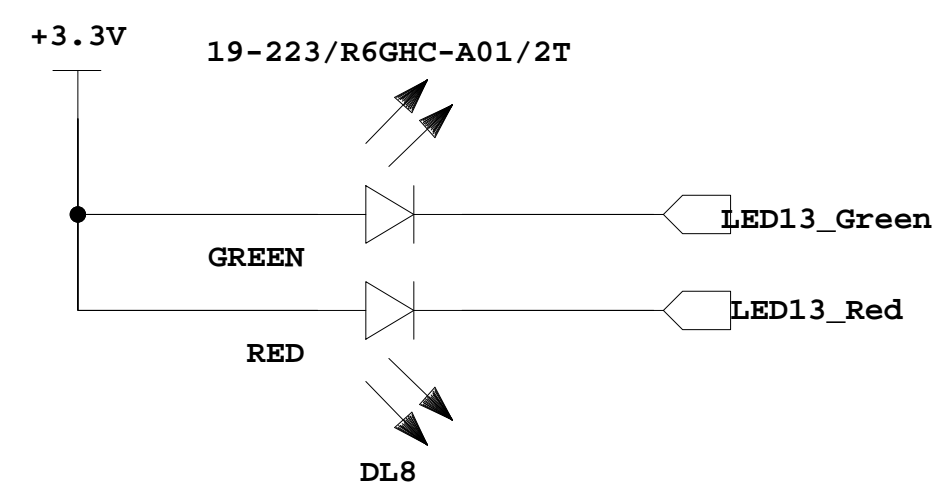
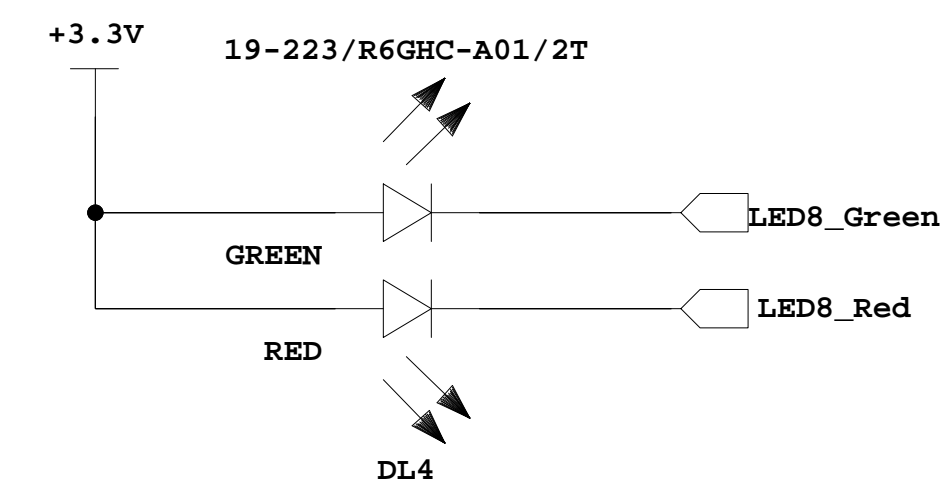
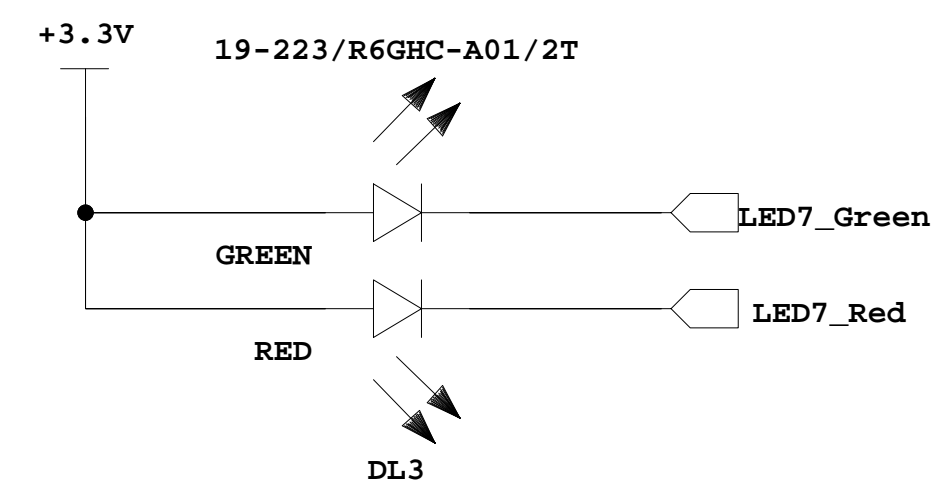
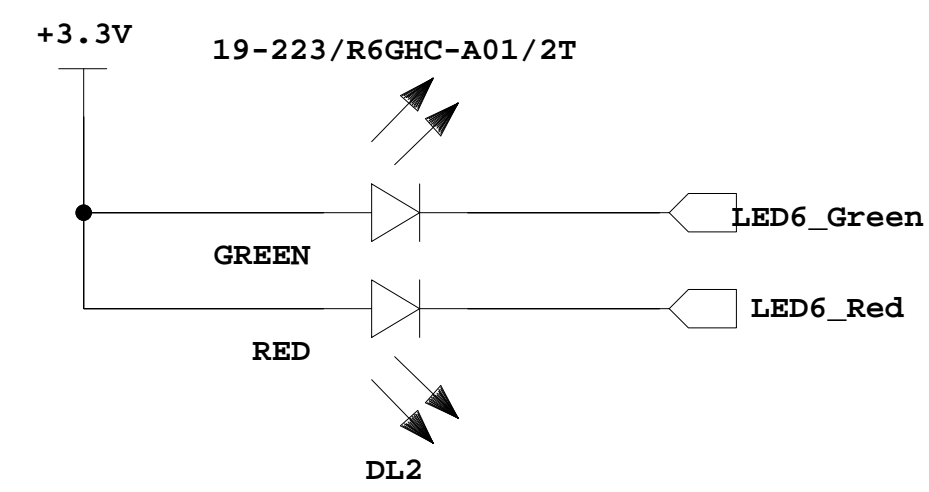
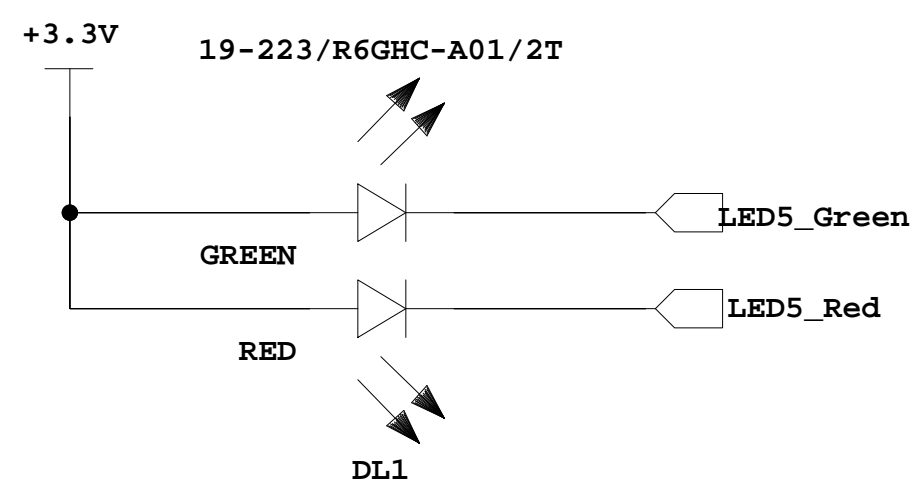


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DESIGNER Zhang, Chrissy		24JUN2021						
HONEYWELL CONFIDENTIAL AND PROPRIETARY				SIZE	DRAWING NO.  3008-2665			REV
				D				A
				SCALE: NONE				

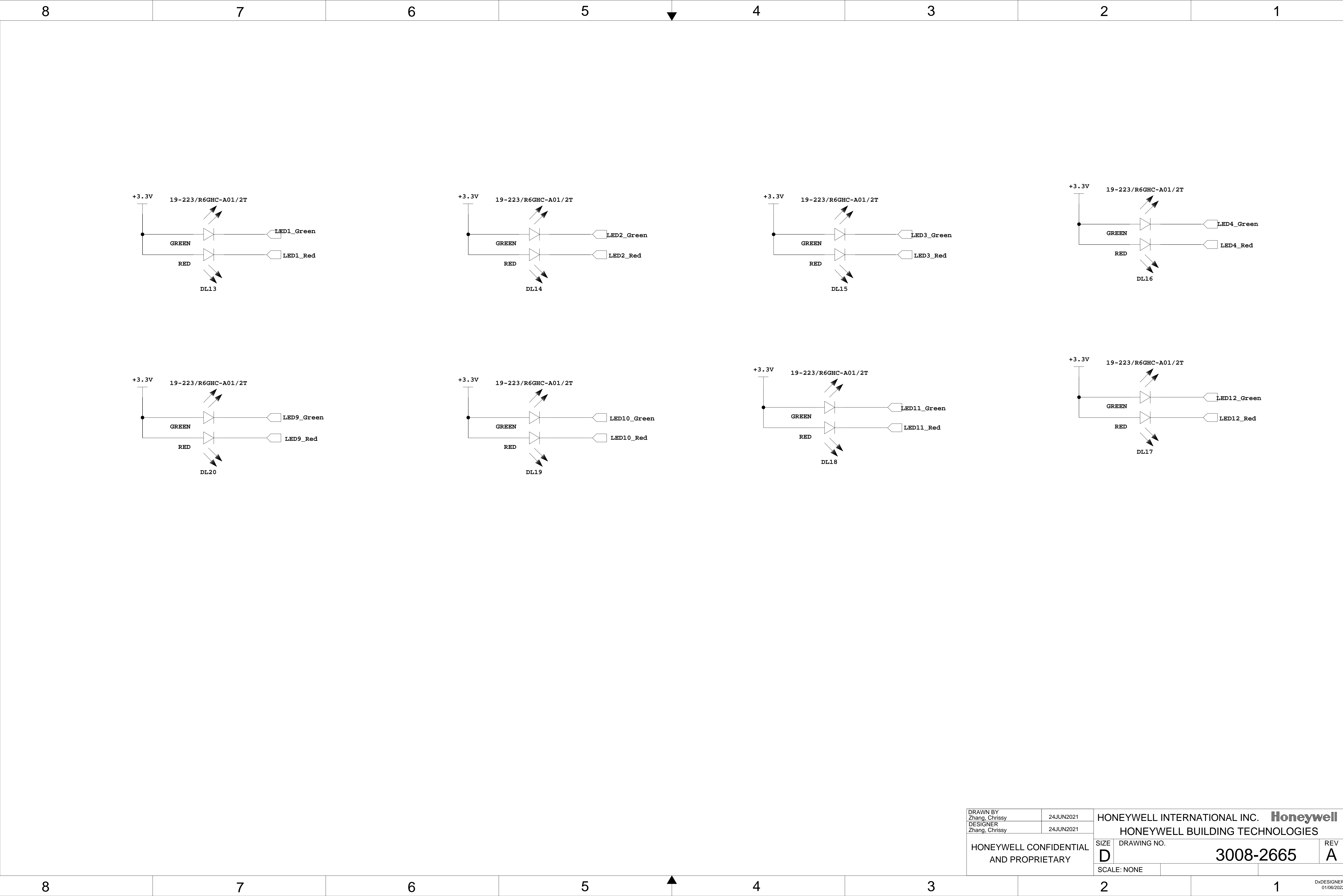




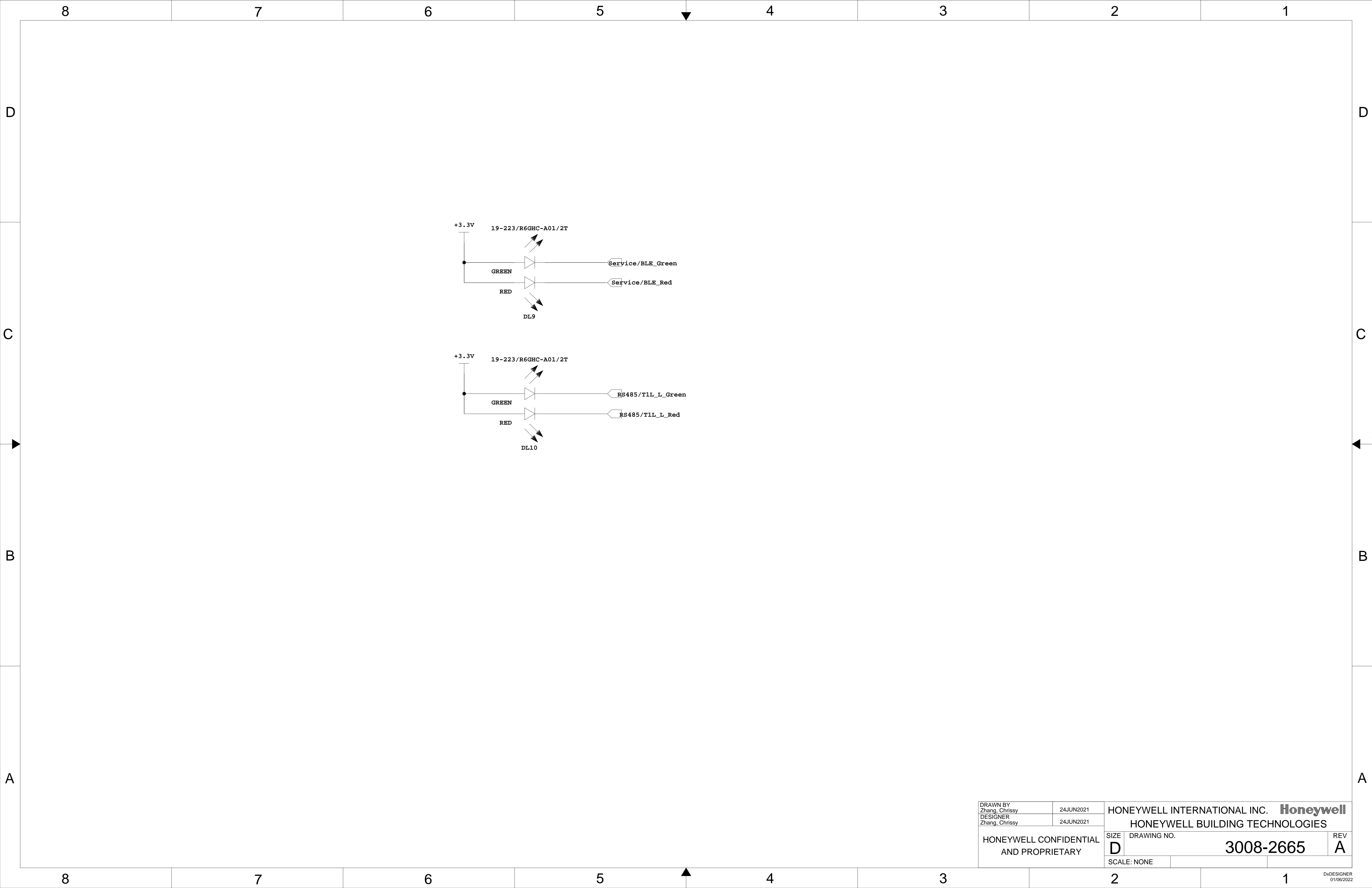




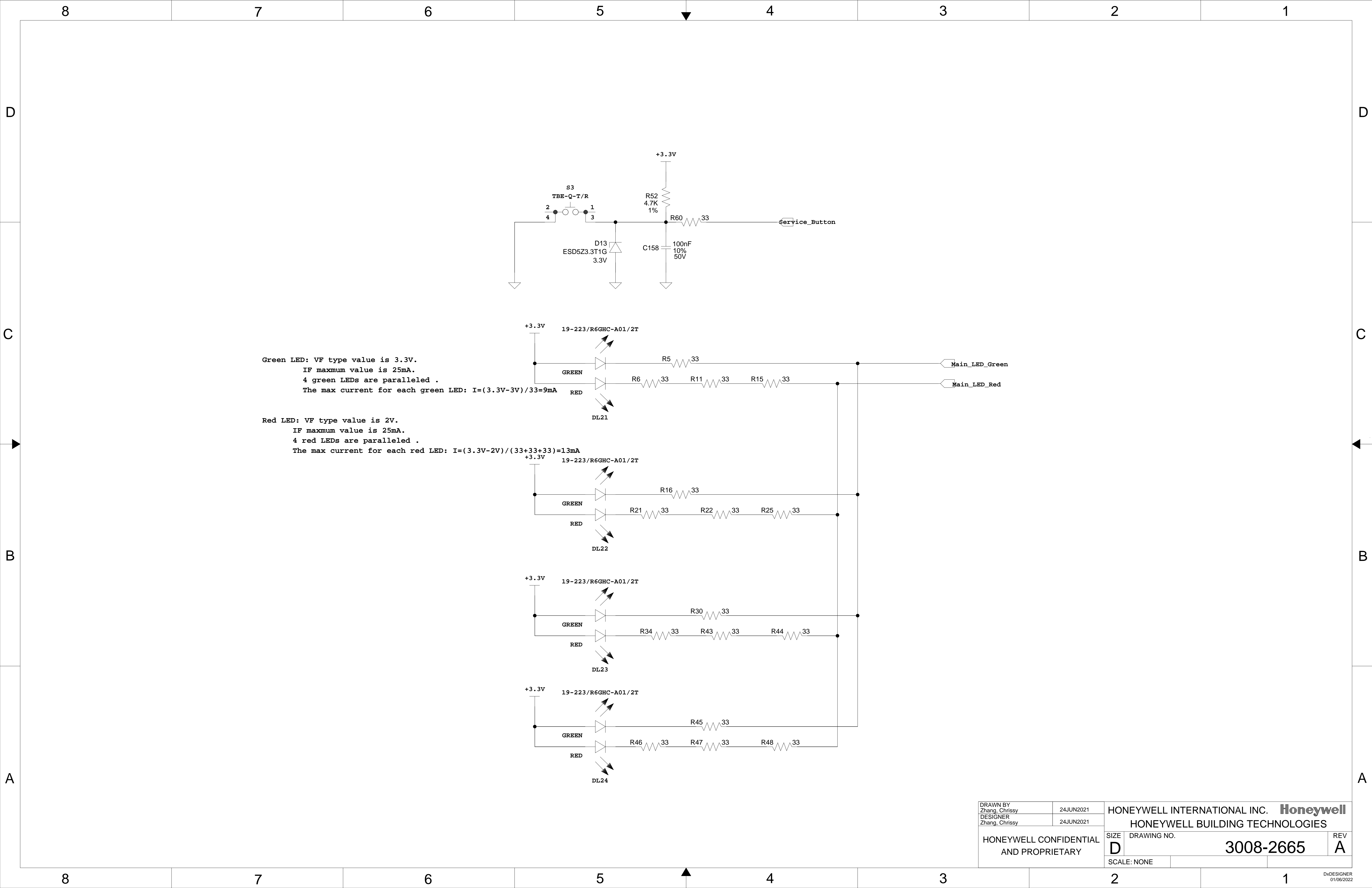
DRAWN BY Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b>		
DESIGNER Zhang, Chrissy	24JUN2021	HONEYWELL BUILDING TECHNOLOGIES		
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE <b>D</b>	DRAWING NO.  <b>3008-2665</b>	REV <b>A</b>
		SCALE: NONE		

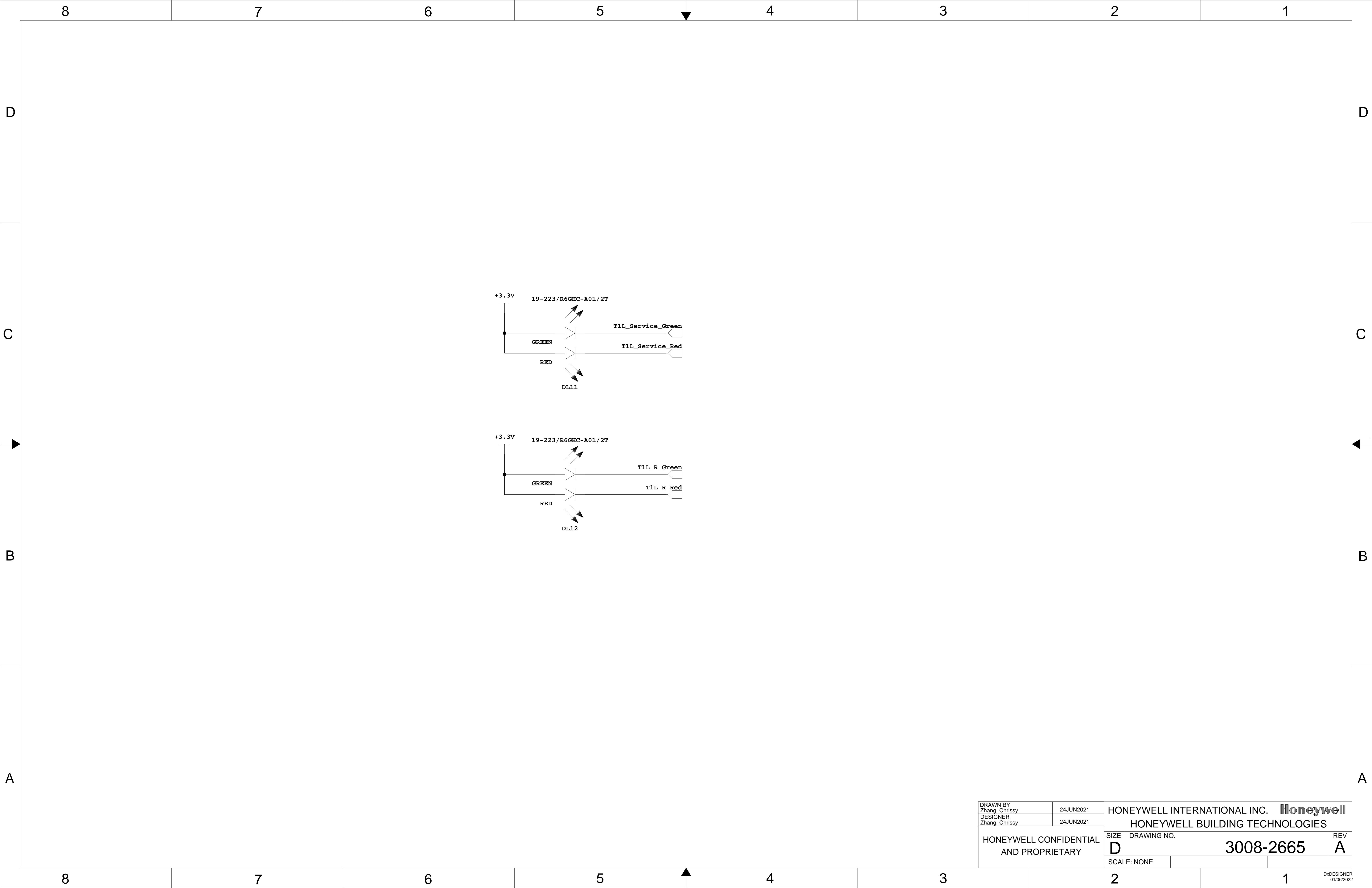


DRAWN BY Zhang, Chrissy		24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES	
DESIGNER Zhang, Chrissy		24JUN2021		
HONEYWELL CONFIDENTIAL AND PROPRIETARY			SIZE <b>D</b>	DRAWING NO. <b>3008-2665</b>
			SCALE: NONE	REV <b>A</b>

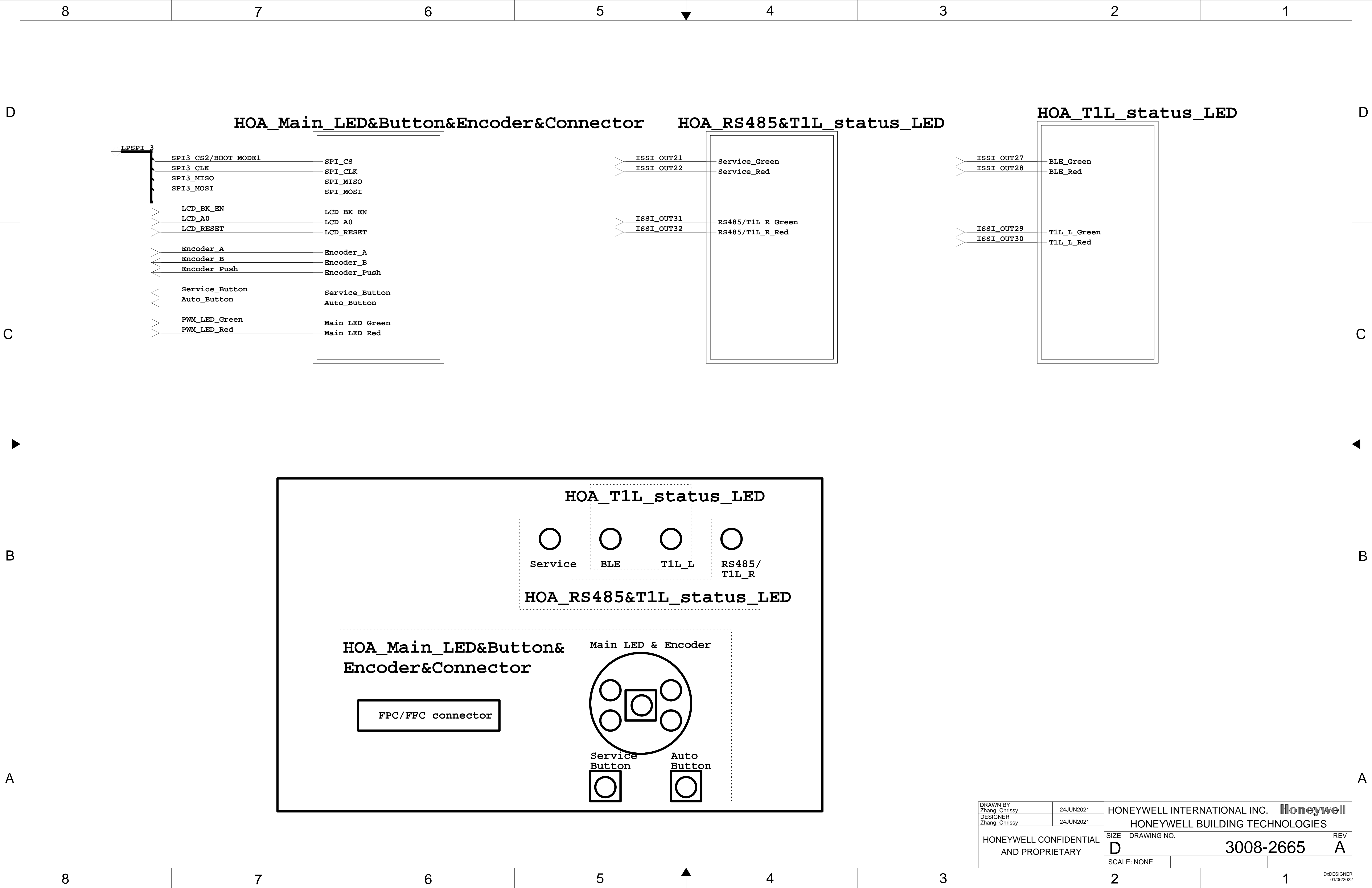


DRAWN BY Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES	
DESIGNER Zhang, Chrissy	24JUN2021		
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE <b>D</b>	REV <b>A</b>
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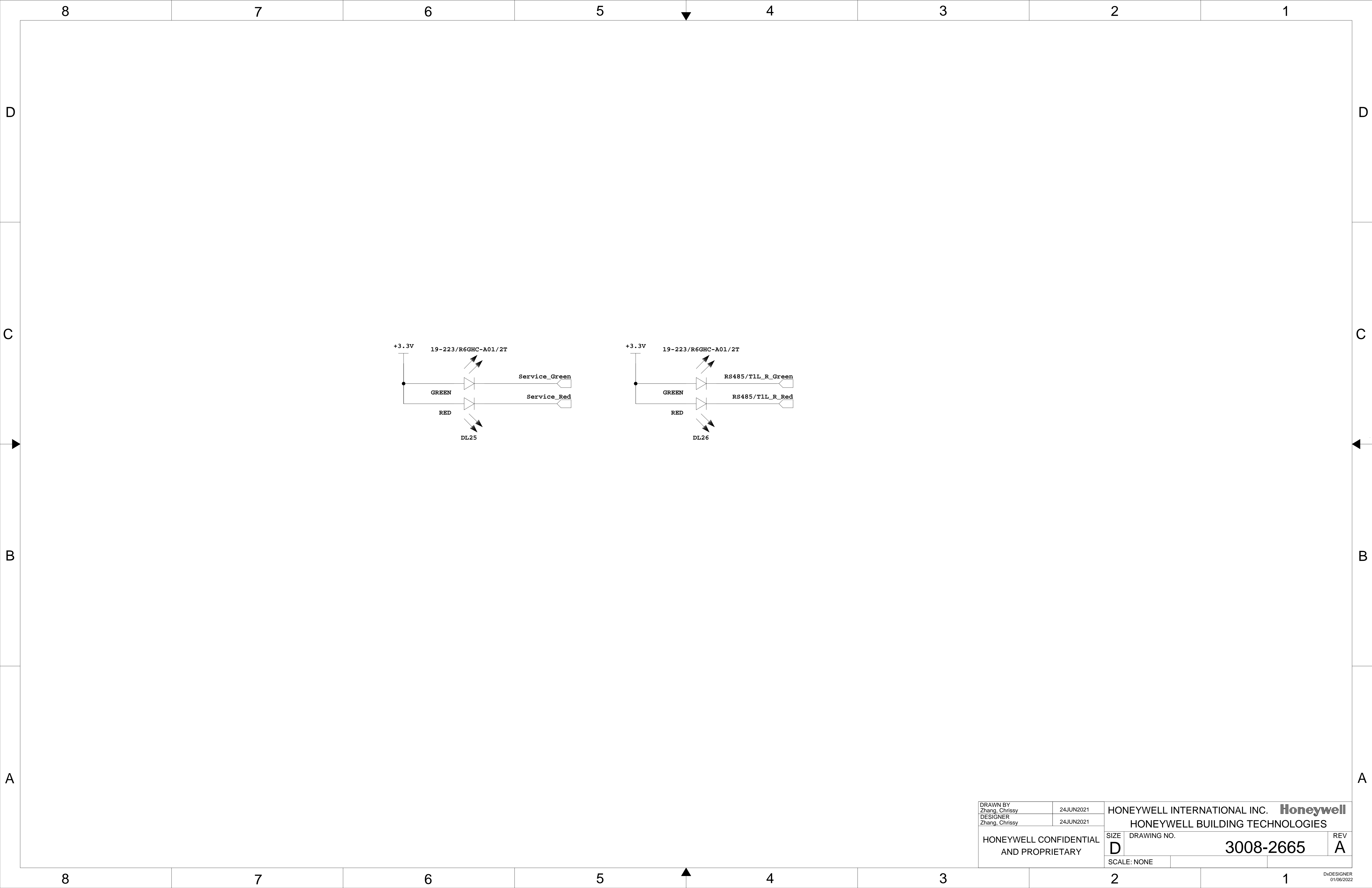




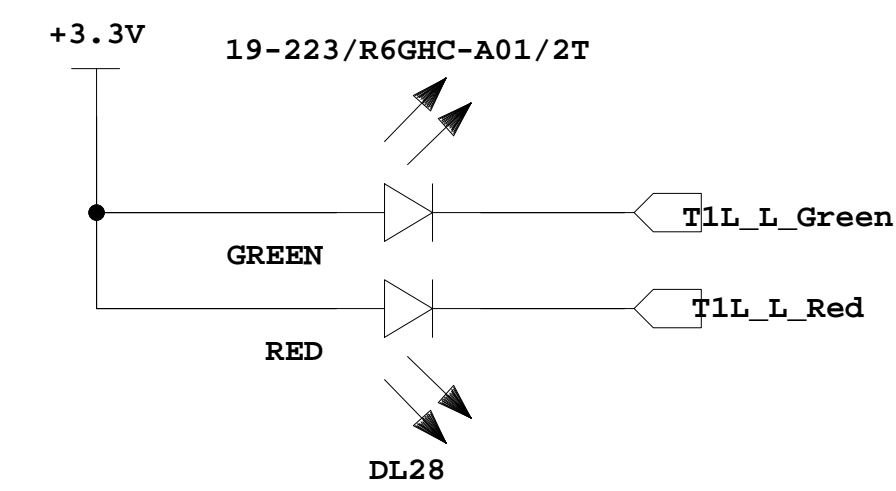
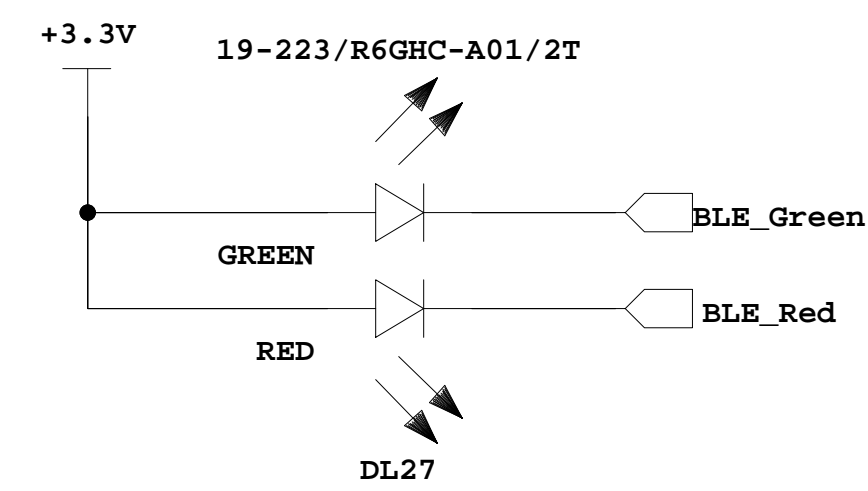
DRAWN BY Zhang, Chrissy DESIGNER Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES	
	24JUN2021		
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE <b>D</b>	REV <b>A</b>
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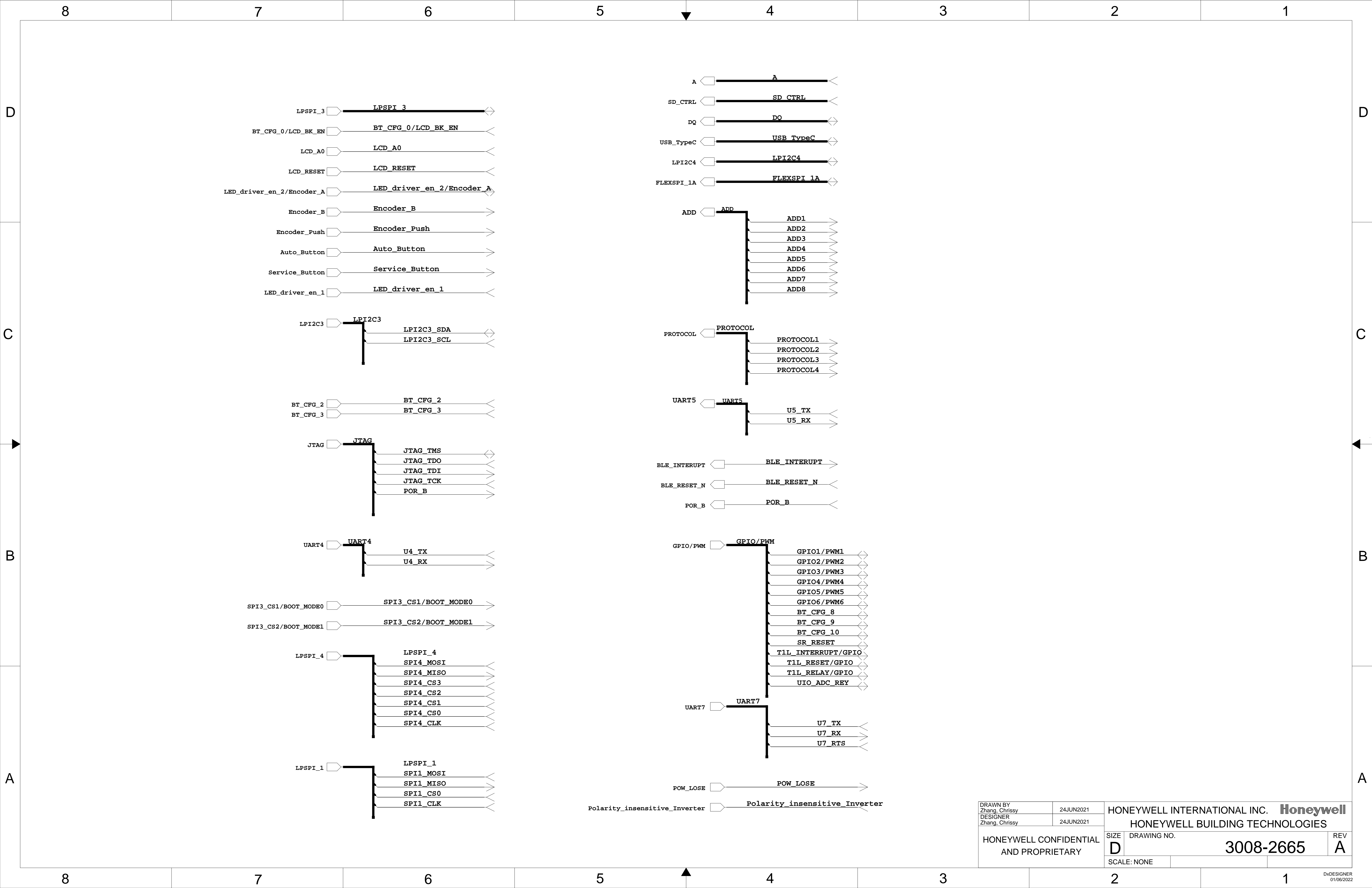


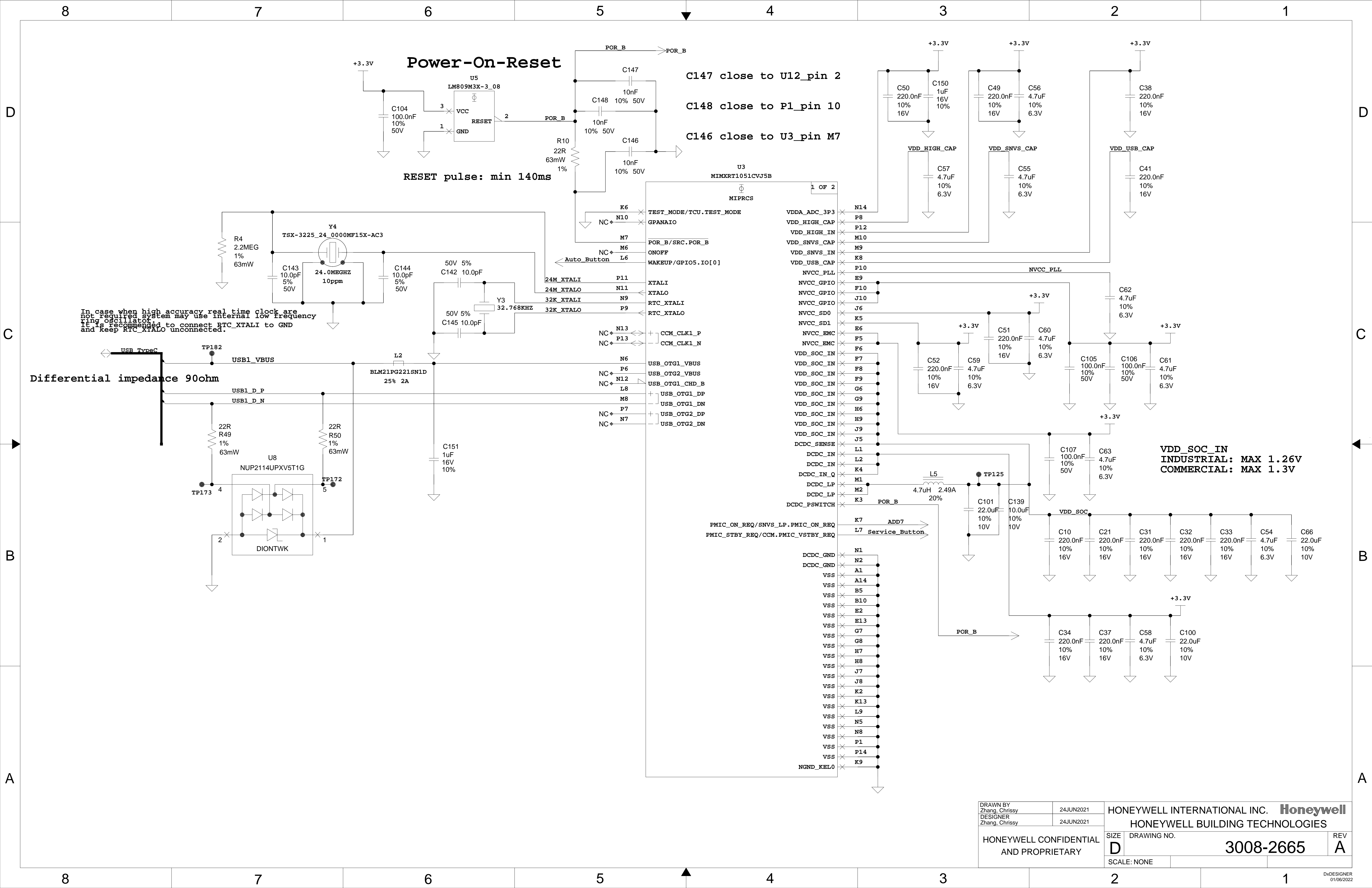






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DESIGNER Zhang, Chrissy		24JUN2021			
HONEYWELL CONFIDENTIAL AND PROPRIETARY				SIZE	REV
				D	A
				3008-2665	
SCALE: NONE					





Power-On-Reset

RESET pulse: min 140ms

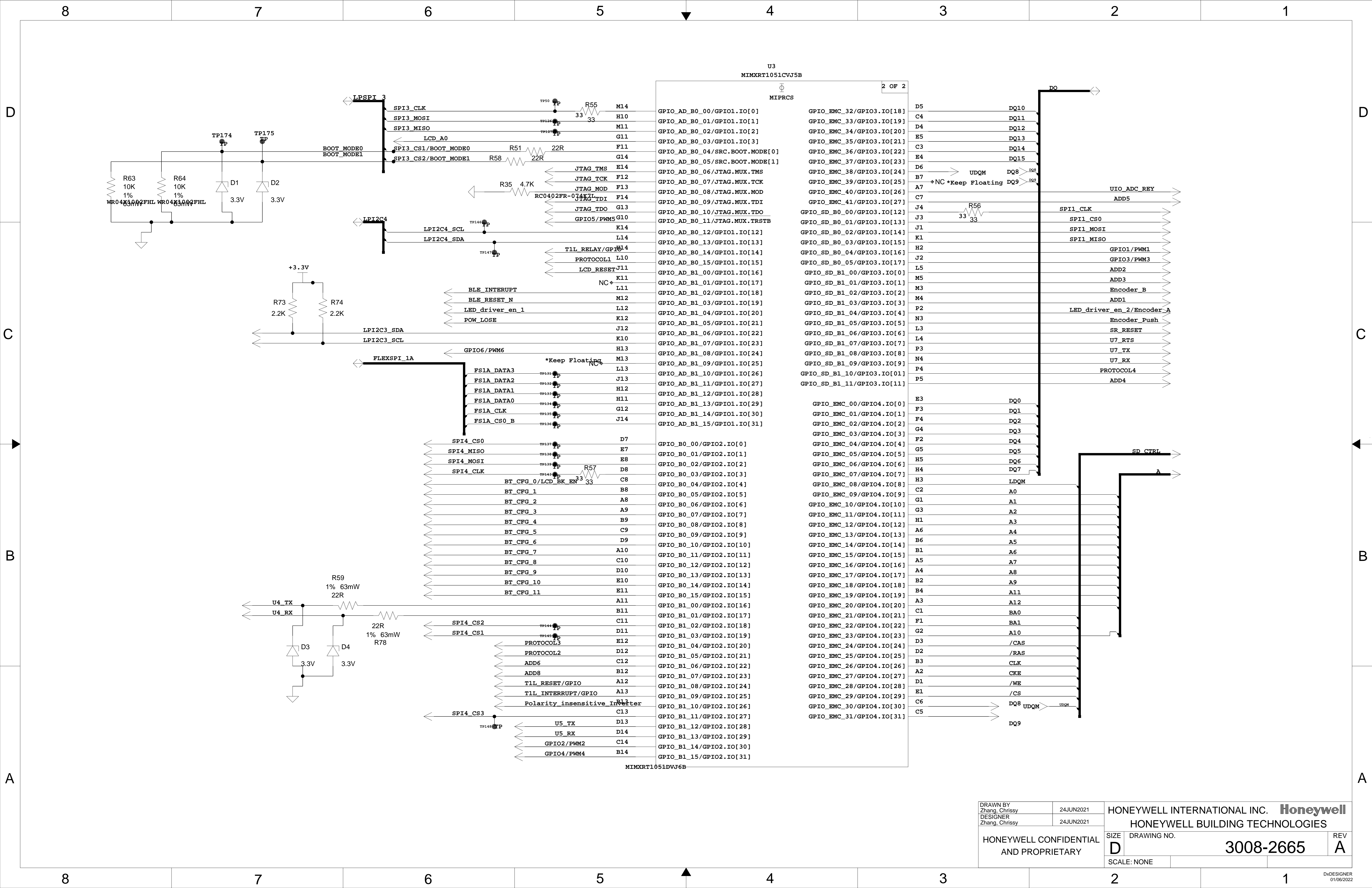
C147 close to U12\_pin 2  
C148 close to P1\_pin 10  
C146 close to U3\_pin M7

In case when high accuracy real time clock are not required system may use internal low frequency ring oscillator. it is recommended to connect RTC\_XTALI to GND and keep RTC\_XTALO unconnected.

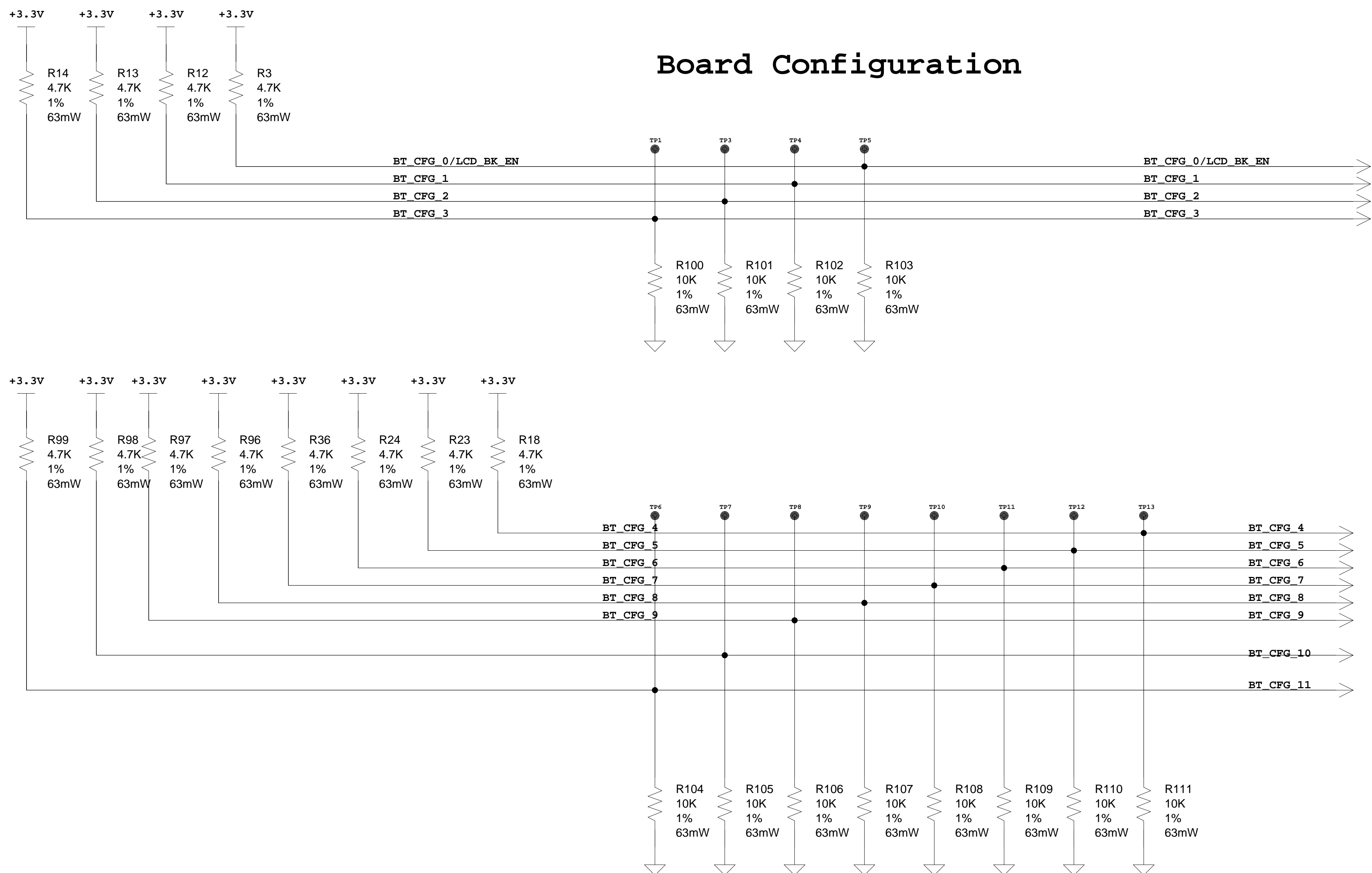
Differential impedance 90ohm

VDD\_SOC\_IN  
INDUSTRIAL: MAX 1.26V  
COMMERCIAL: MAX 1.3V

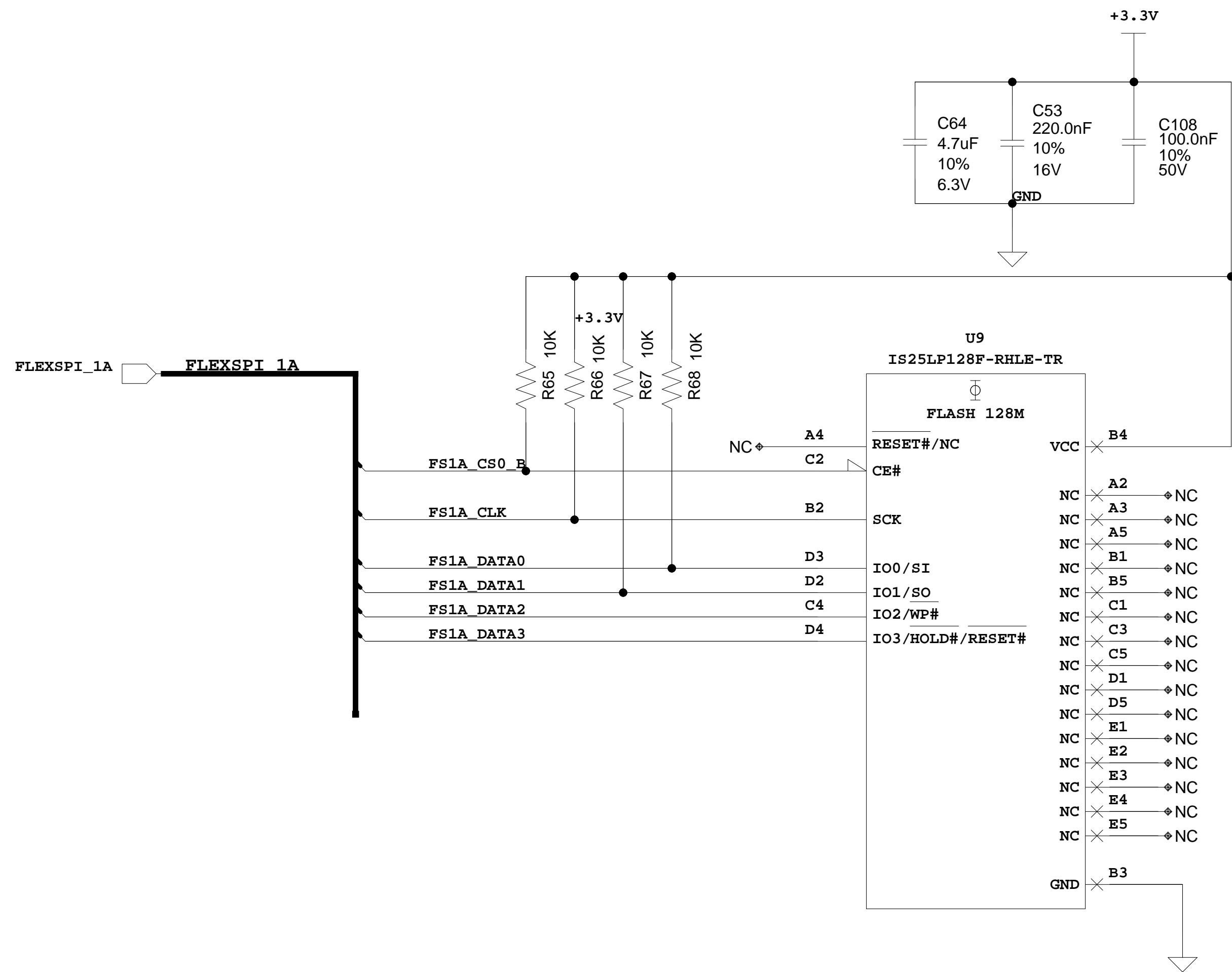
DRAWN BY Zhang, Chrissy	24JUN2021	HONEYWELL INTERNATIONAL INC. <b>Honeywell</b> HONEYWELL BUILDING TECHNOLOGIES	
DESIGNER Zhang, Chrissy	24JUN2021		
HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE <b>D</b>	REV <b>A</b>
		SCALE: NONE	



For Development	
Net Name	Value
BT_CFG_0	NA
BT_CFG_1	0
BT_CFG_2	0
BT_CFG_3	0
BT_CFG_4	0
BT_CFG_5	0
BT_CFG_6	0
BT_CFG_7	0
BT_CFG_8	1
BT_CFG_9	1
BT_CFG_10	1
BT_CFG_11	0



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HONEYWELL CONFIDENTIAL AND PROPRIETARY		SIZE	DRAWING NO.	REV
		<b>D</b>	<b>3008-2665</b>	<b>A</b>
		SCALE: NONE		



Polarity_ insensitive_Inverter	Input to MCU		Output from MCU	
	RX_left	RX_right	TX_left	TX_right
0	0	0	0	0
0	1	1	1	1
1	0	1	0	1
1	1	0	1	0

