

RTK7RL23LMP00000BJ Schematics Rev. A

RL78/G23 Lighting Communication Master Evaluation Board

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- P04 MCU Power
- P05 USB/OCD
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Revision History

Date	Rev	Description
2022.12.5	V1.00	*First Revision

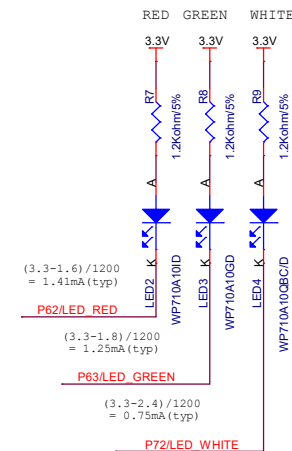
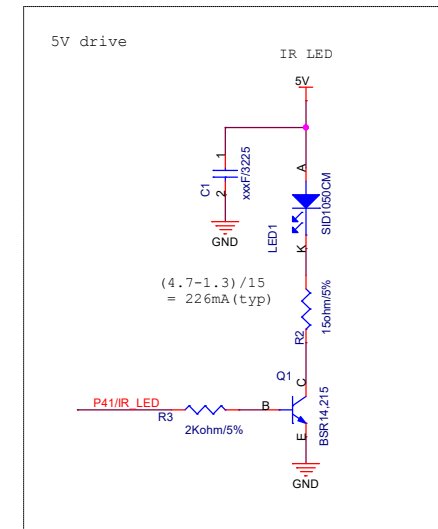
Power types

VBUS	Extarnal power supply	5.0V/2A max	 GND
5V	Internal power supply	5.0V/2A max	
3.3V	Internal power supply	3.3V/2A max	
17.5V	Internal power supply	17.5V/1A max	

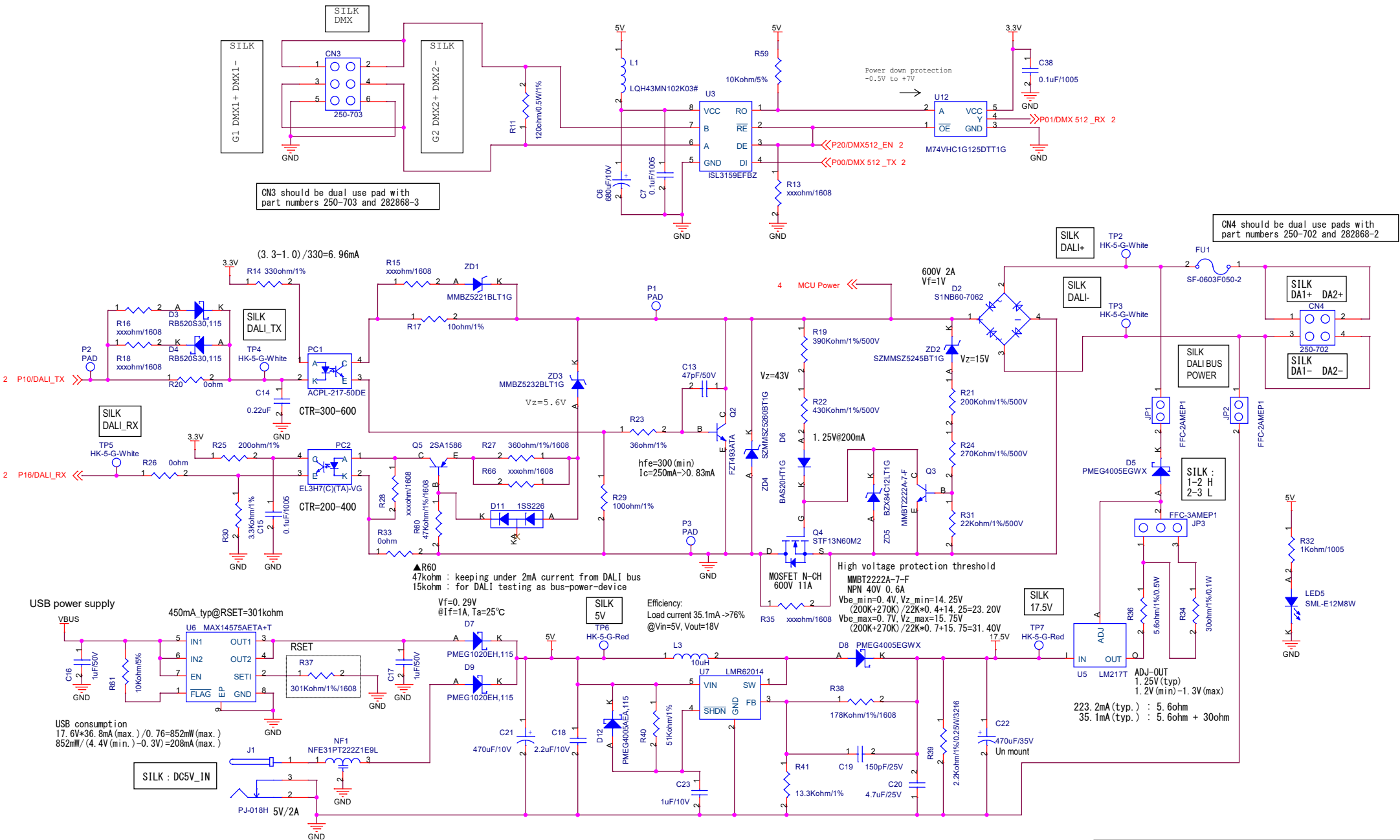
Board silk

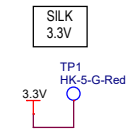
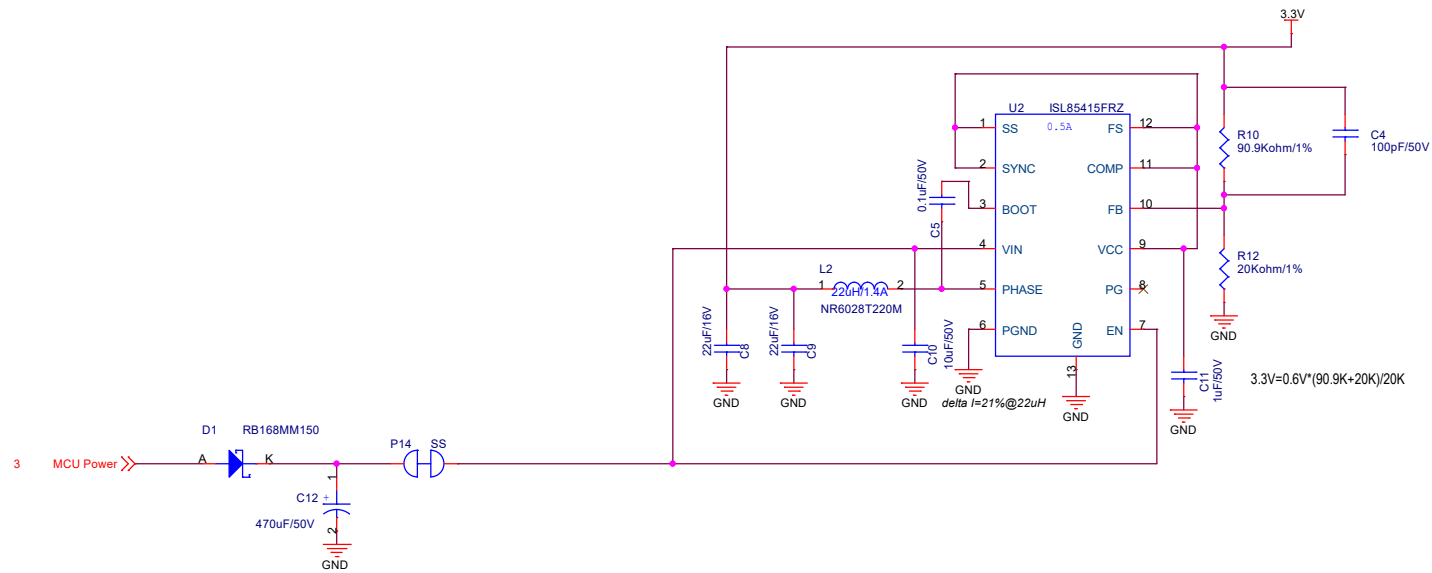
Board Name	RL78/G23 Lighting Communication Master Evaluation Board
PCB No.	RTK7RL23LMP00000BJ
Country of production	MADE IN JAPAN
Display 1	UL mark
Display 2	RoHS Compliant
Display 3	Anti Static
Display 4	WEEE
Display 5	CE
Display 6	China-RoHS(10 years)

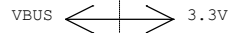
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Title			
RTK7RL23LMP00000BJ Schematics Rev. A			
Size	Document Number		Rev
A3	R20UT5173EJ0100		1.00
Date:	December 5, 2022	Sheet 1 of 6	



		Renesas Electronics Corporation	
Title RTK7RL23LMP00000BJ Schematics Rev. A			
Size A3	Document Number R20UT5173EJ0100		Rev 1.00
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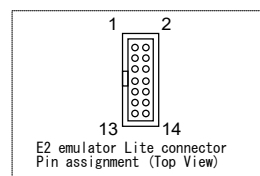
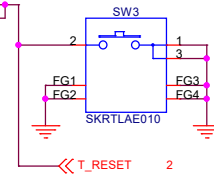




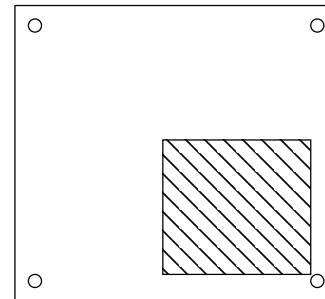
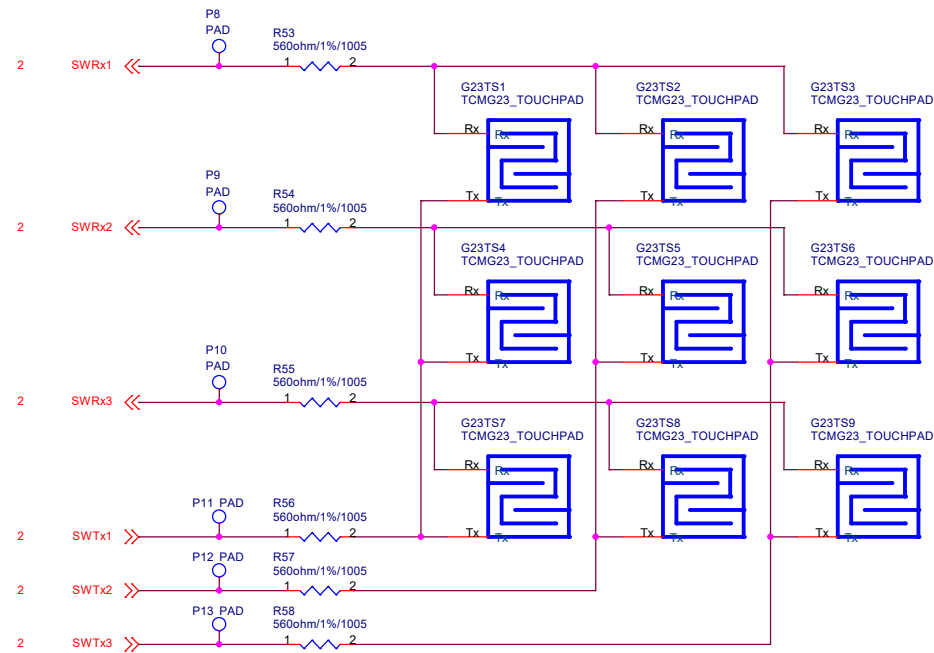
SILK

ON

COM	■		■		■		■
E2	■	■		■	■	■	■



Mutual capacitance touch sensor 3x3 matrix switch electrode circuit



Place the touch sensor key position as close to the edge of the board as possible to avoid interference with other parts.