Nova34

(Nova34 - Reference Board)

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Revision History

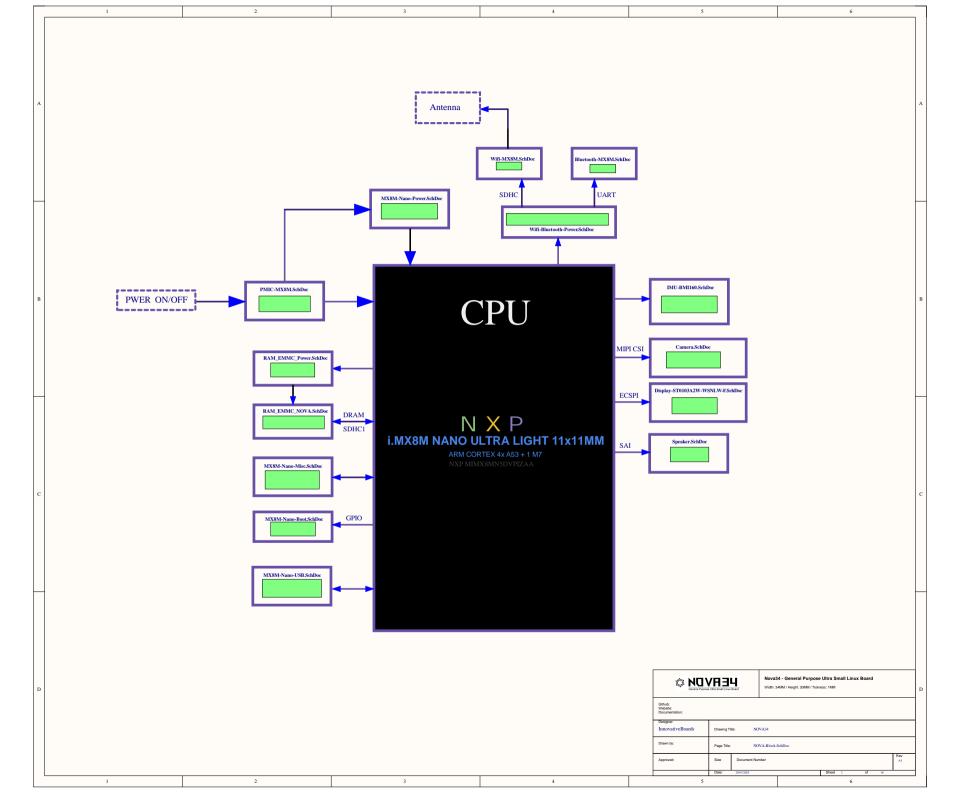
Rev. Code	e Date	Ву	Description
А	2022-01-0		Initial version release
A.1.	4 2025-28-0	13	Schematic completed

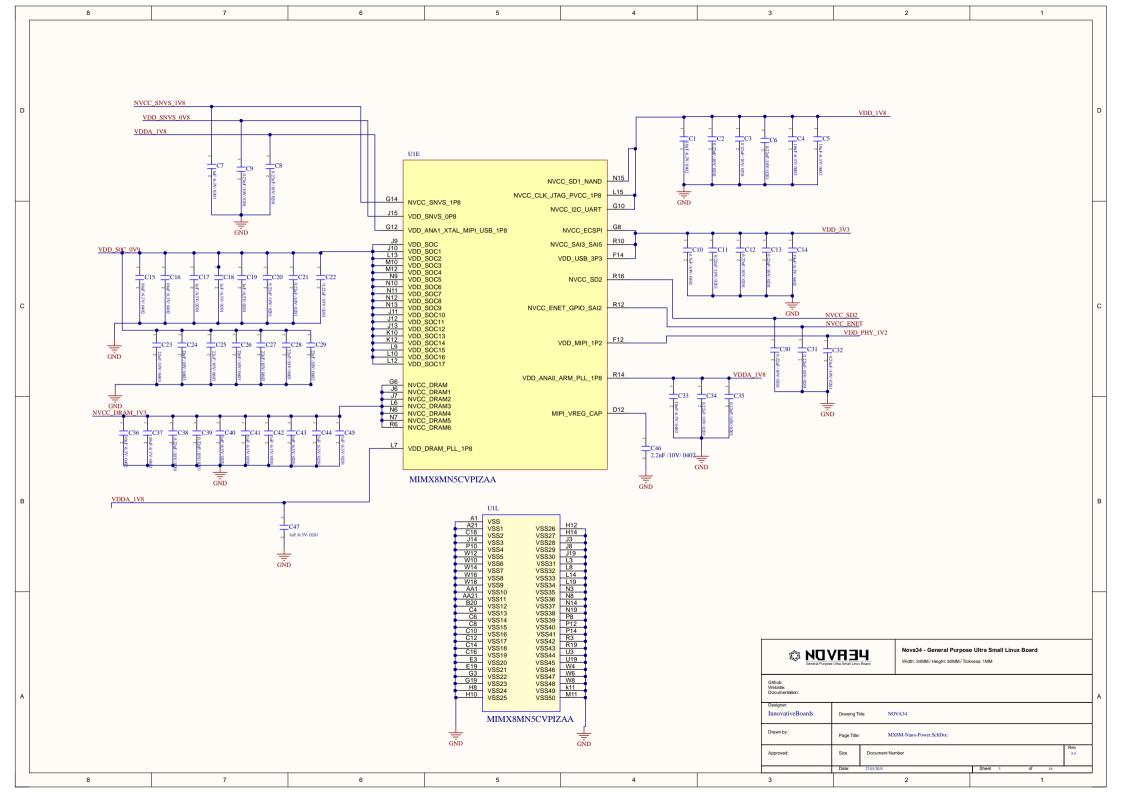


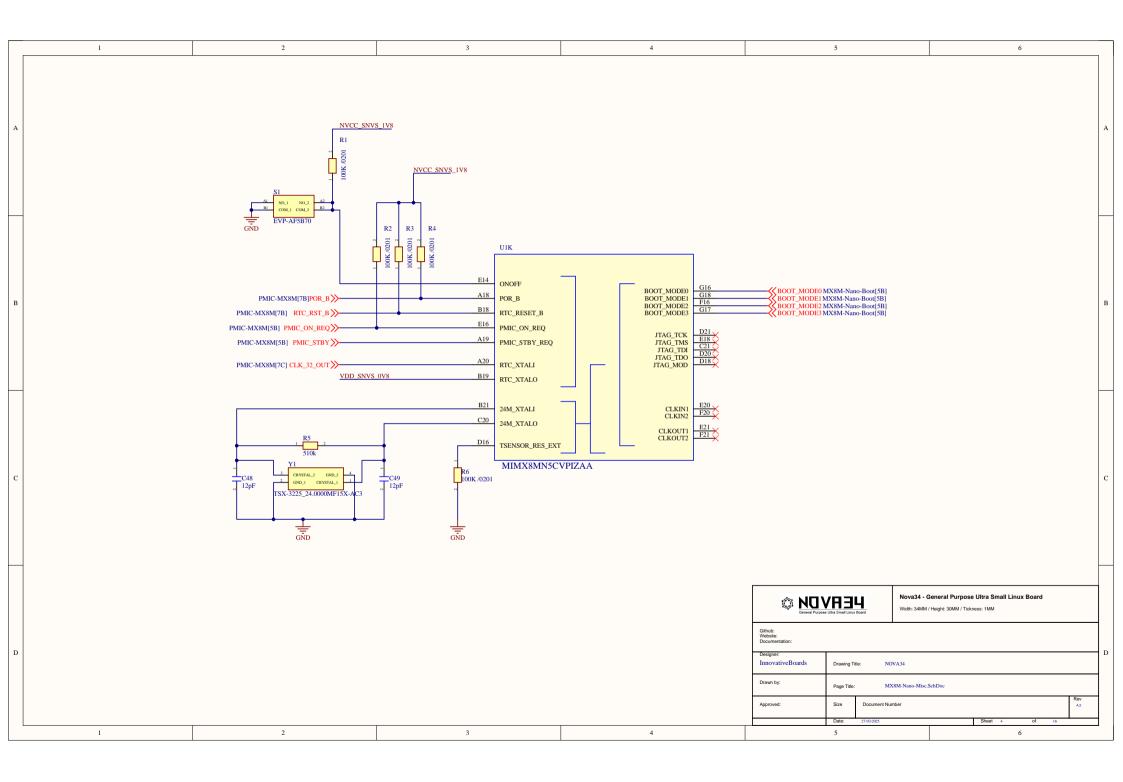


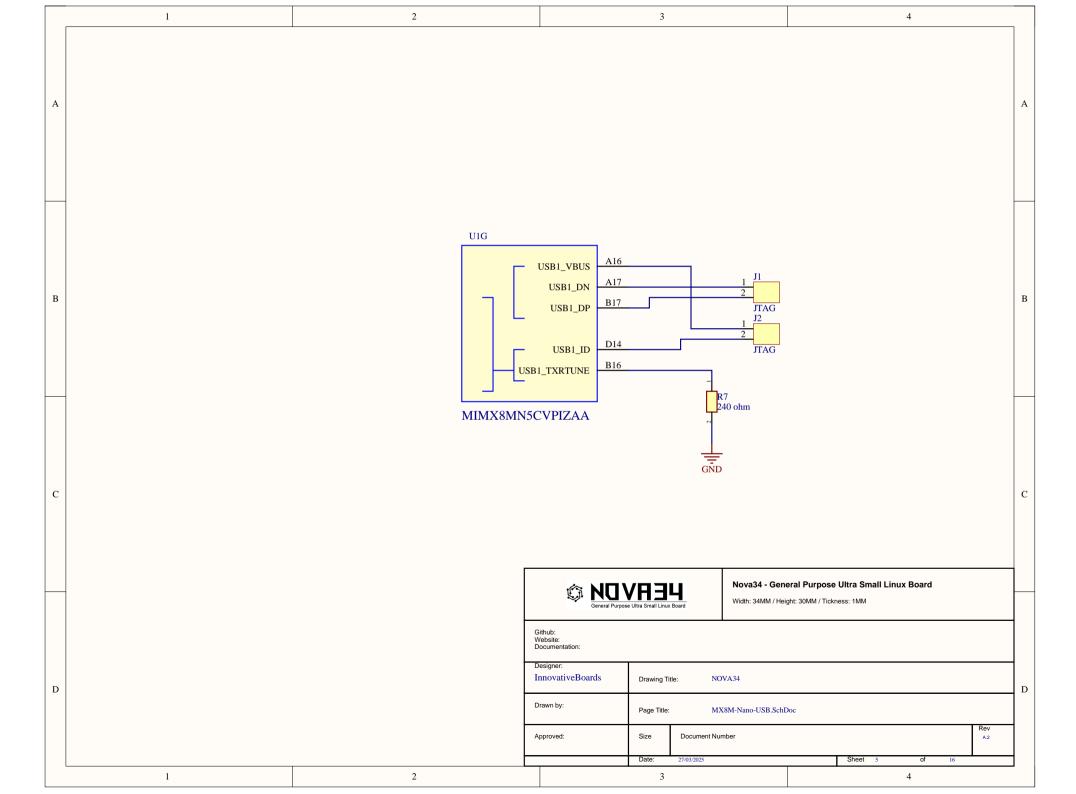
PERVIDE CONTROL CONTRO			Nova34 - General Purpose Ultra Small Linux Board Width: 34MM / Height: 30MM / Tickness: 1MM						
Github: Website: Documentation:									
Designer: InnovativeBoards	Drawing Titls: NOVA34								
Drawn by:	Page Title:	Con	ver-Page.SchDoc						
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	Date:	28/03/2025			Sheet		of	16	

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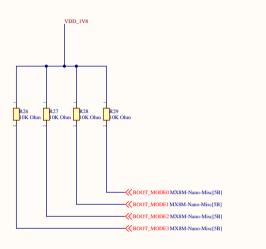






i.MX8M Nano Boot Mode

BOOT_PIN[3]	BOOT_PIN[2]	BOOT_PIN[1]	BOOT_PIN[0]	Boot Modes		
BOOT_MODE3 (TEST_MODE)	BOOT_MODE2 (JTAG_TRST_B)	BOOT_MODE1	BOOT_MODE0	Function		
0	0	0	0	Boot From Internal Fuses		
0	0	0	1	USB Serial Download		
0	0	1	0	USDHC3 (eMMC boot only, SD3 8-bit)		
0	0	1	1	USDHC2 (SD boot only, SD2)		
0	1	0	0	NAND 8-bit single device 256 page		
0	1	0	1	NAND 8-bit single device 512 page		
0	1	1	0	QSPI 3B Read		
0	1	1	1	QSPI Hyperflash 3.3V		
1	0	0	0	ecSPI Boot		
1	0	0	1	Reserved		
1	0	1	0	Reserved		
1	0	1	1	Reserved		
1	1	0	0	Reserved (Boot on I2C connected to BOOT PIN(3:2])		
1	1	0	1	Reserved		
1	1	1	0	Infinite Loop Mode		
1	1	1	1	Test Mode		



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Designer: InnovativeBoards	Drawing Ti	Drawing Title: NOVA34							
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