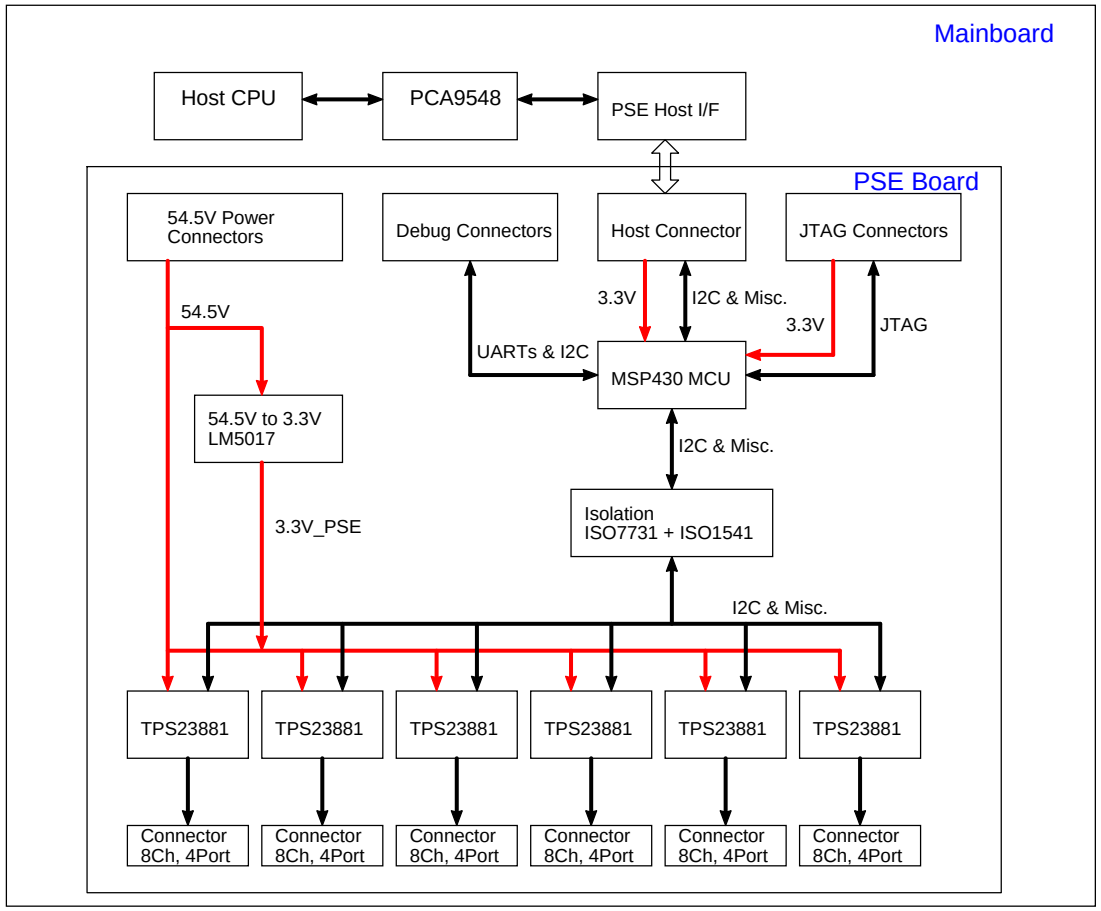
Architecture



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			Page Name : 01 Architecture	
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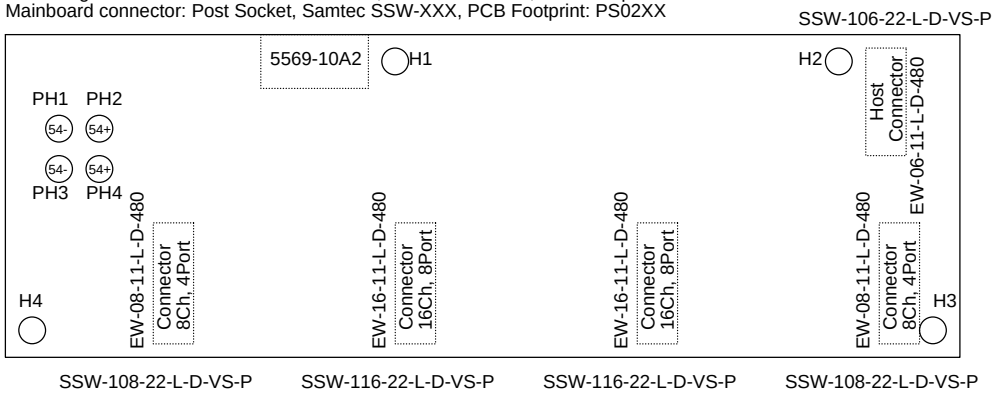
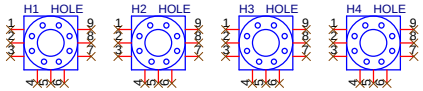
Mechanical Parts

PSE daughter board connector: Post Header, Samtec EW-XXX, PCB Footprint: PH02XX
Mainboard connector: Post Socket, Samtec SSW-XXX, PCB Footprint: PS02XX



SMT Mark

Mechanical Hole



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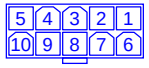
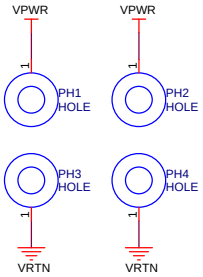
Design Schematic & PCB according to Molex 5569-08A2/5569-10A2

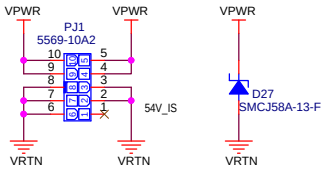
Molex 5569-10A2

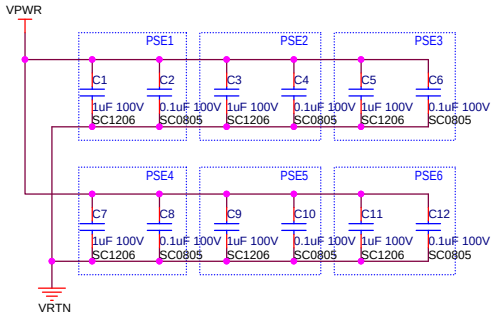
Gospower G1324-950W definition

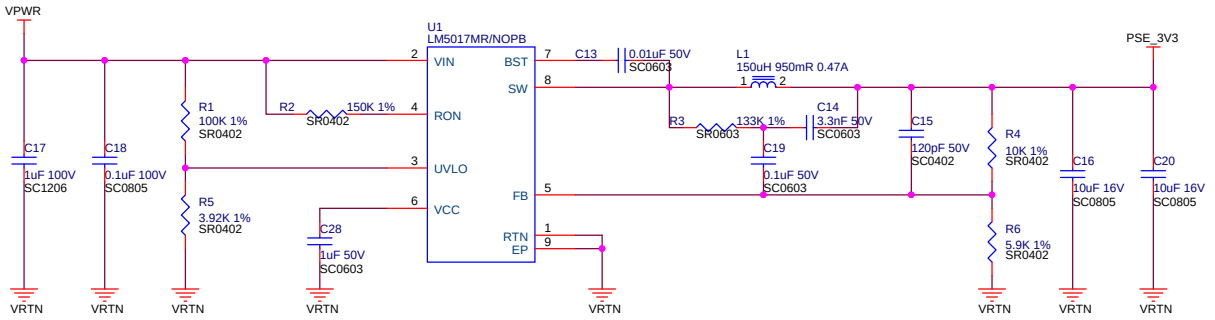


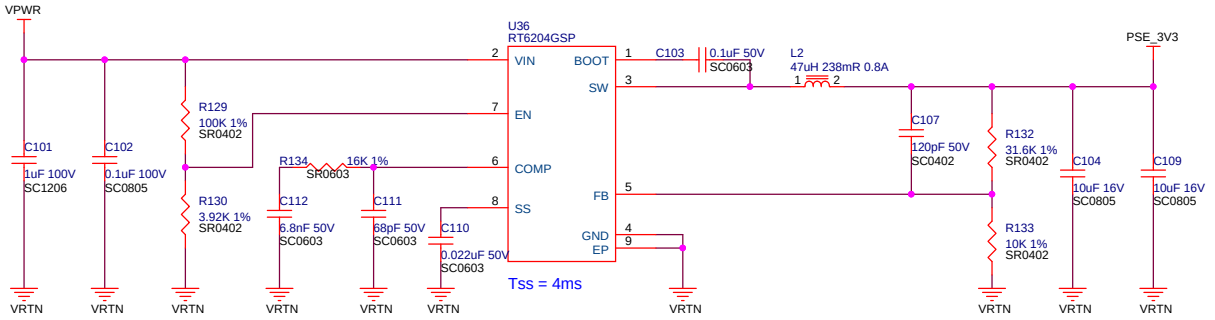
1,2,6,7: +54.5V
3,4,8,9,10: 54.5V_GND
5: 54.5V-IS











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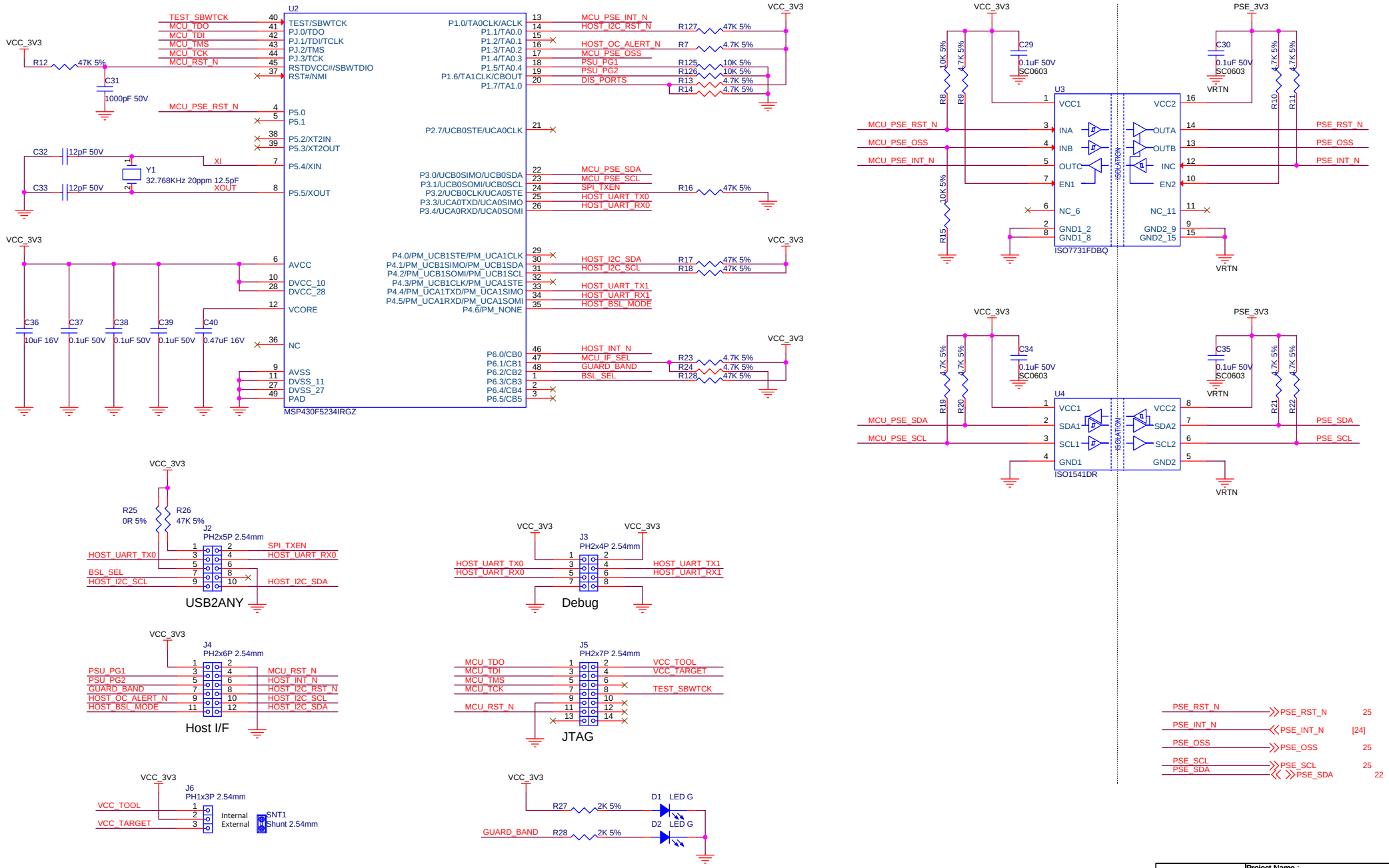

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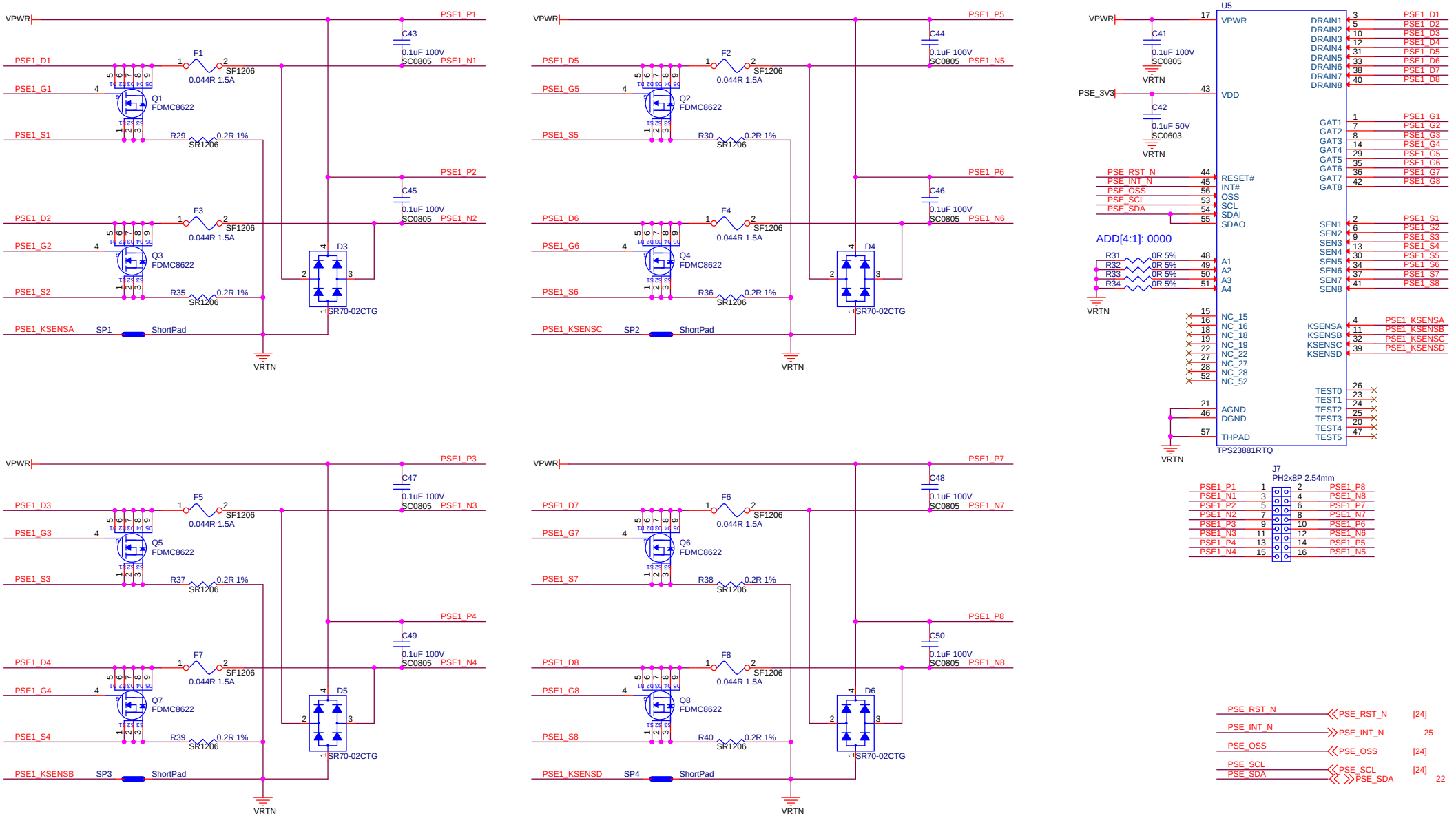

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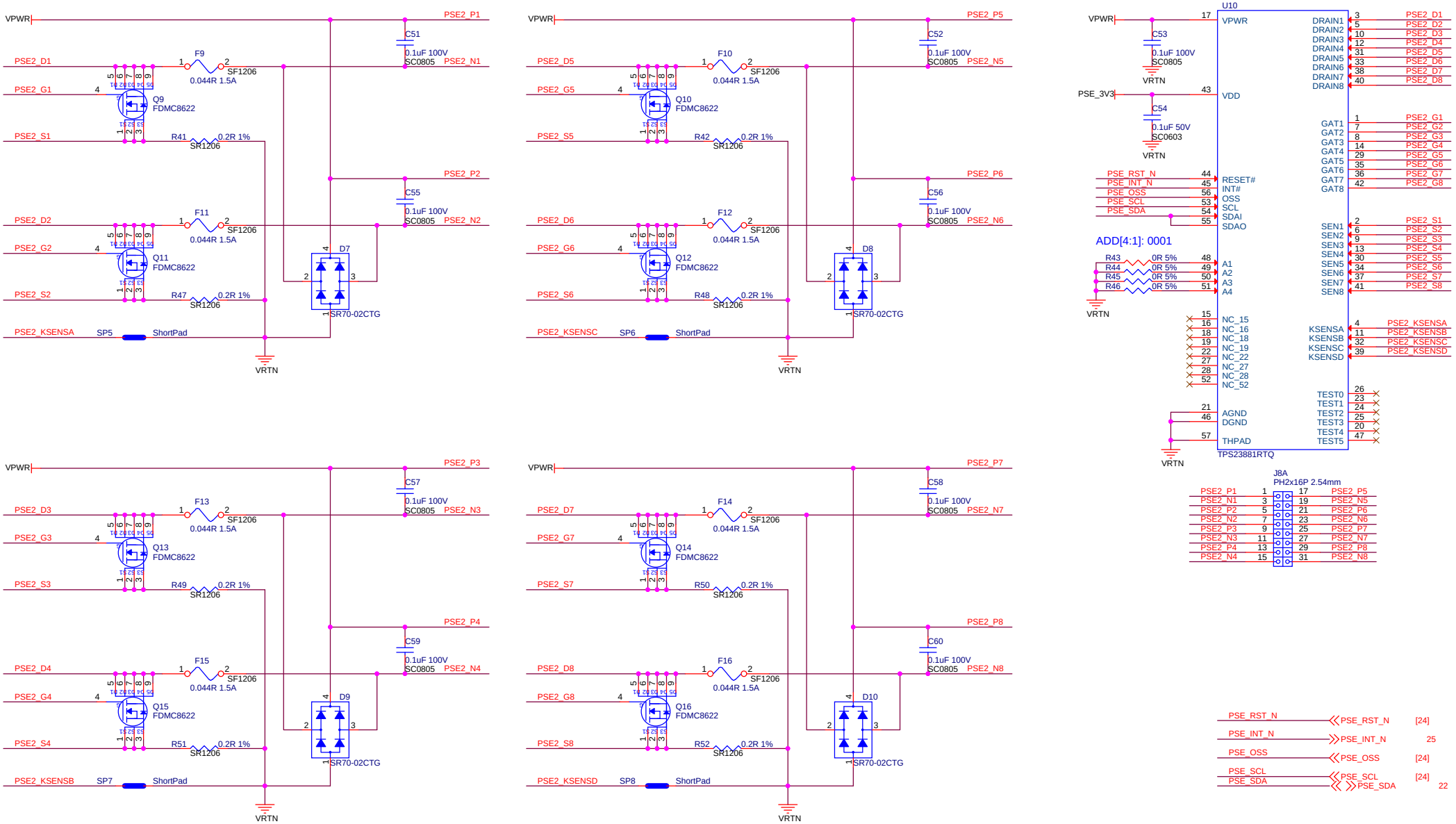

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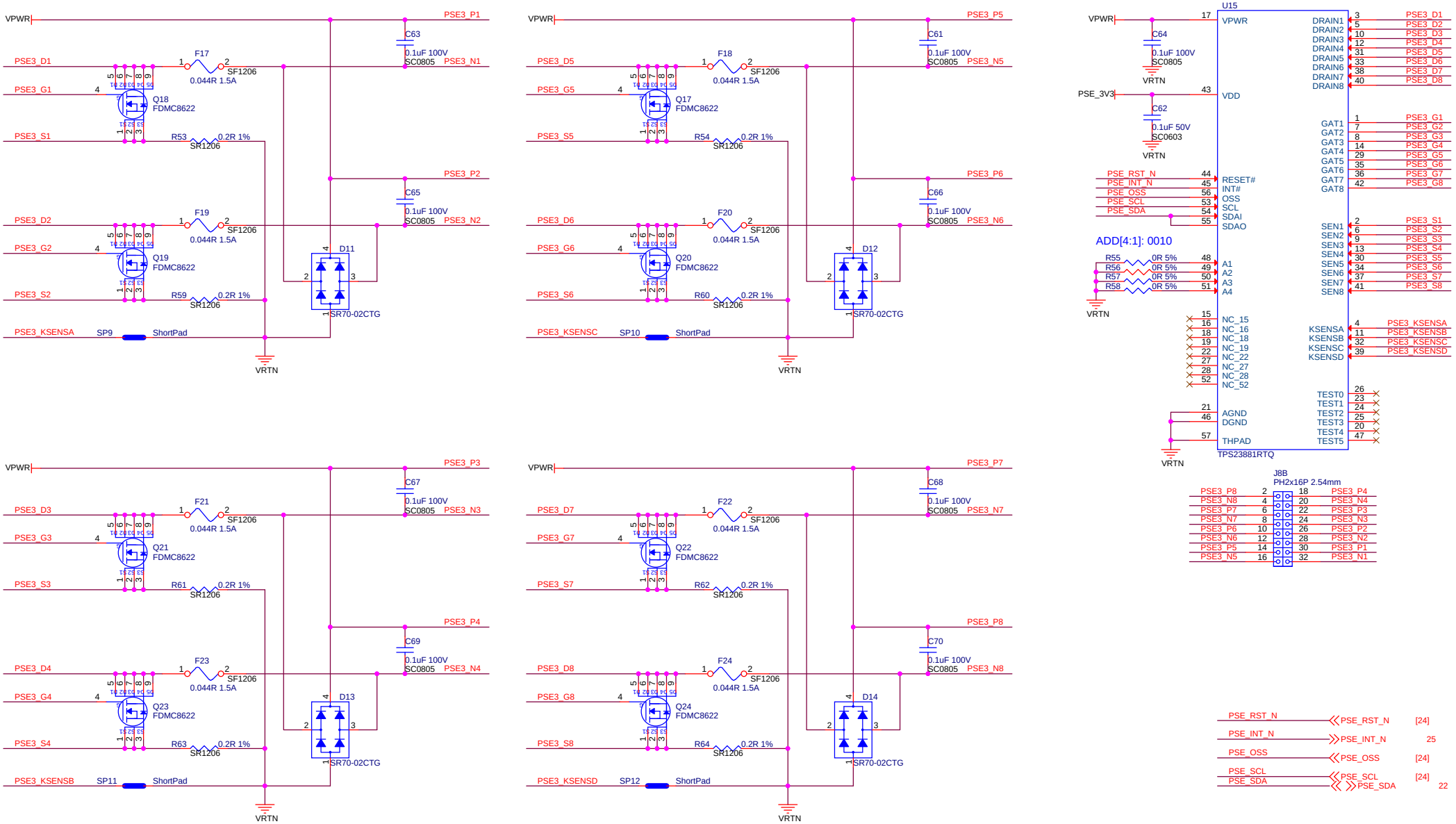

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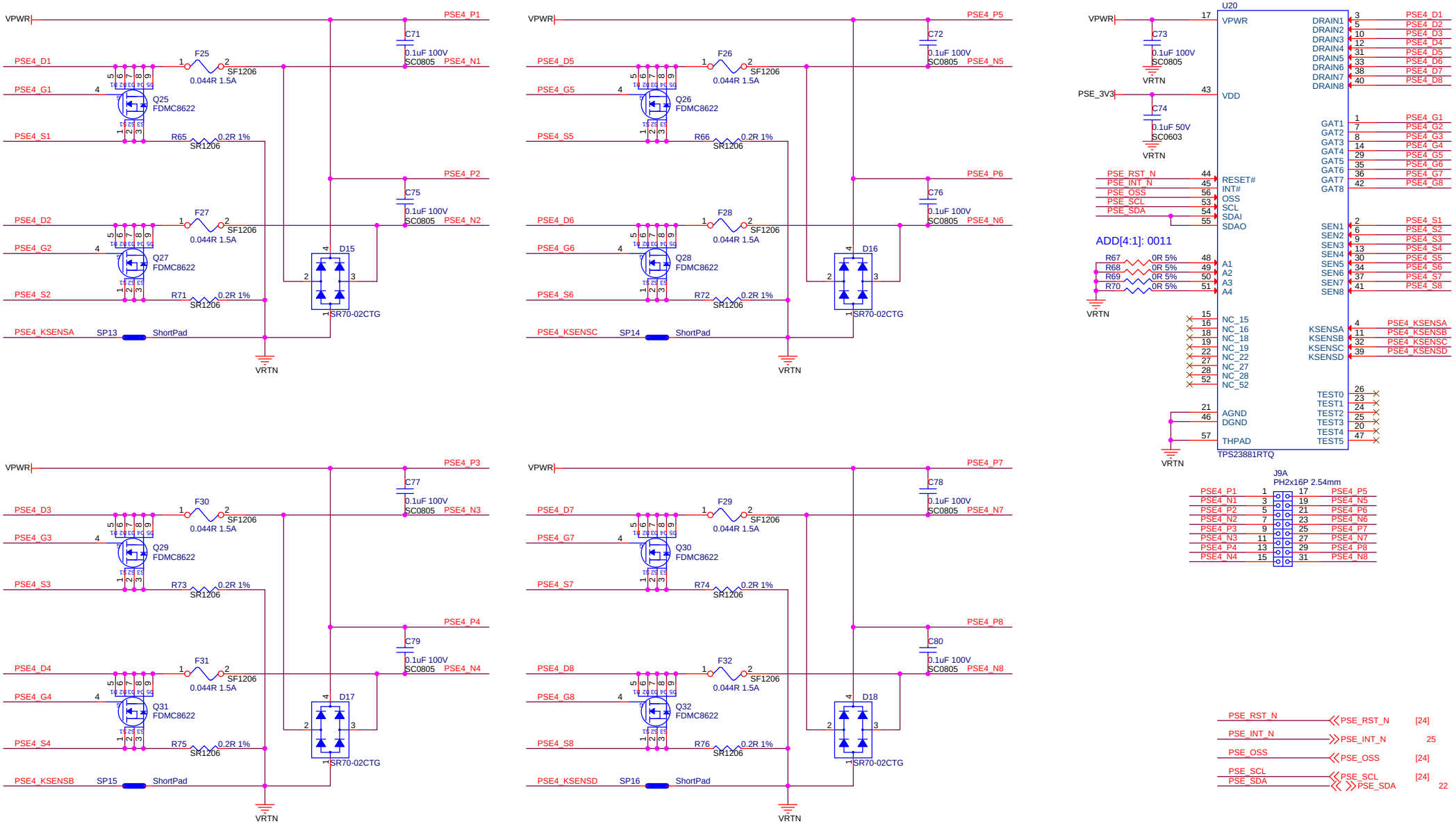

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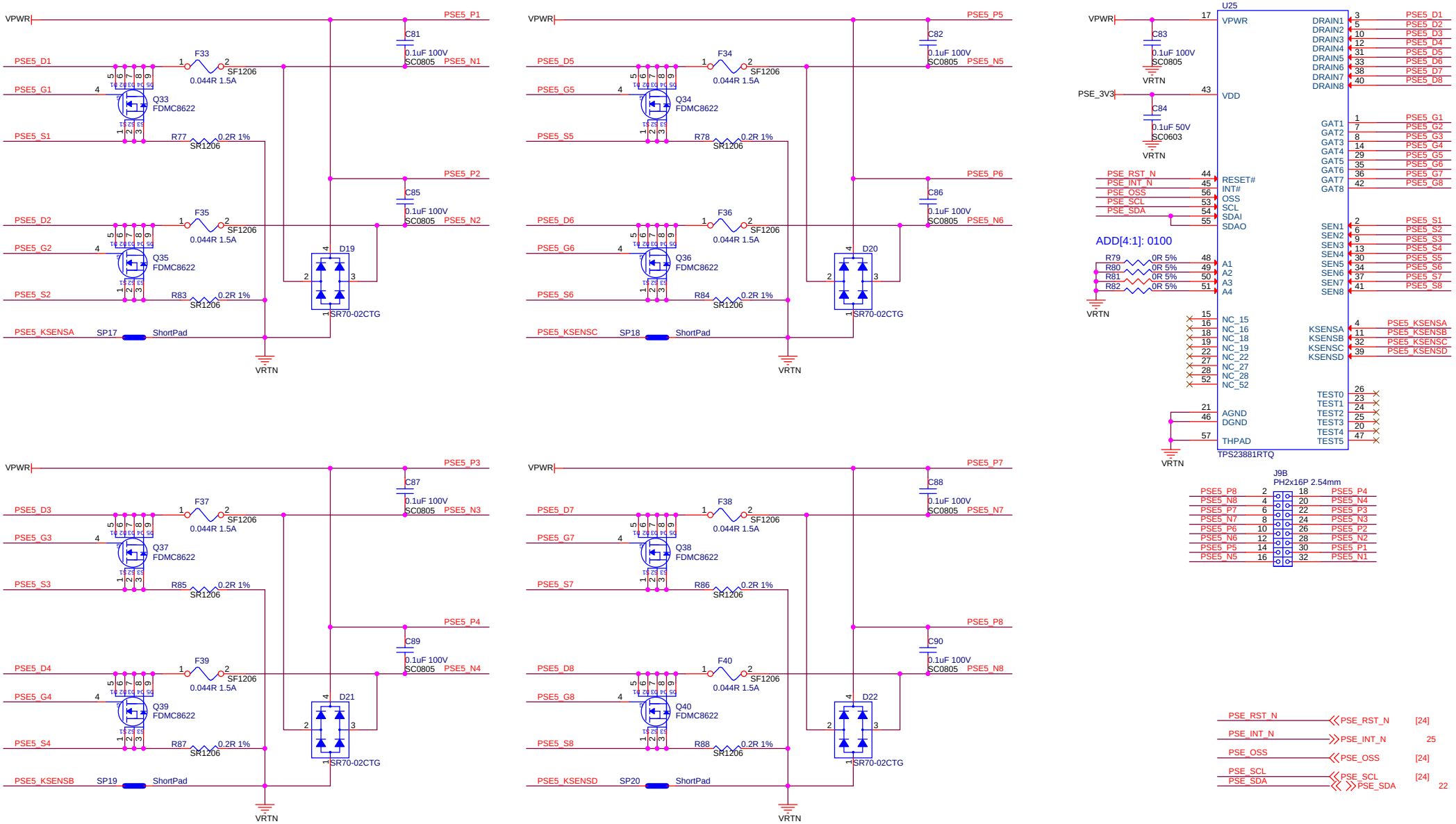

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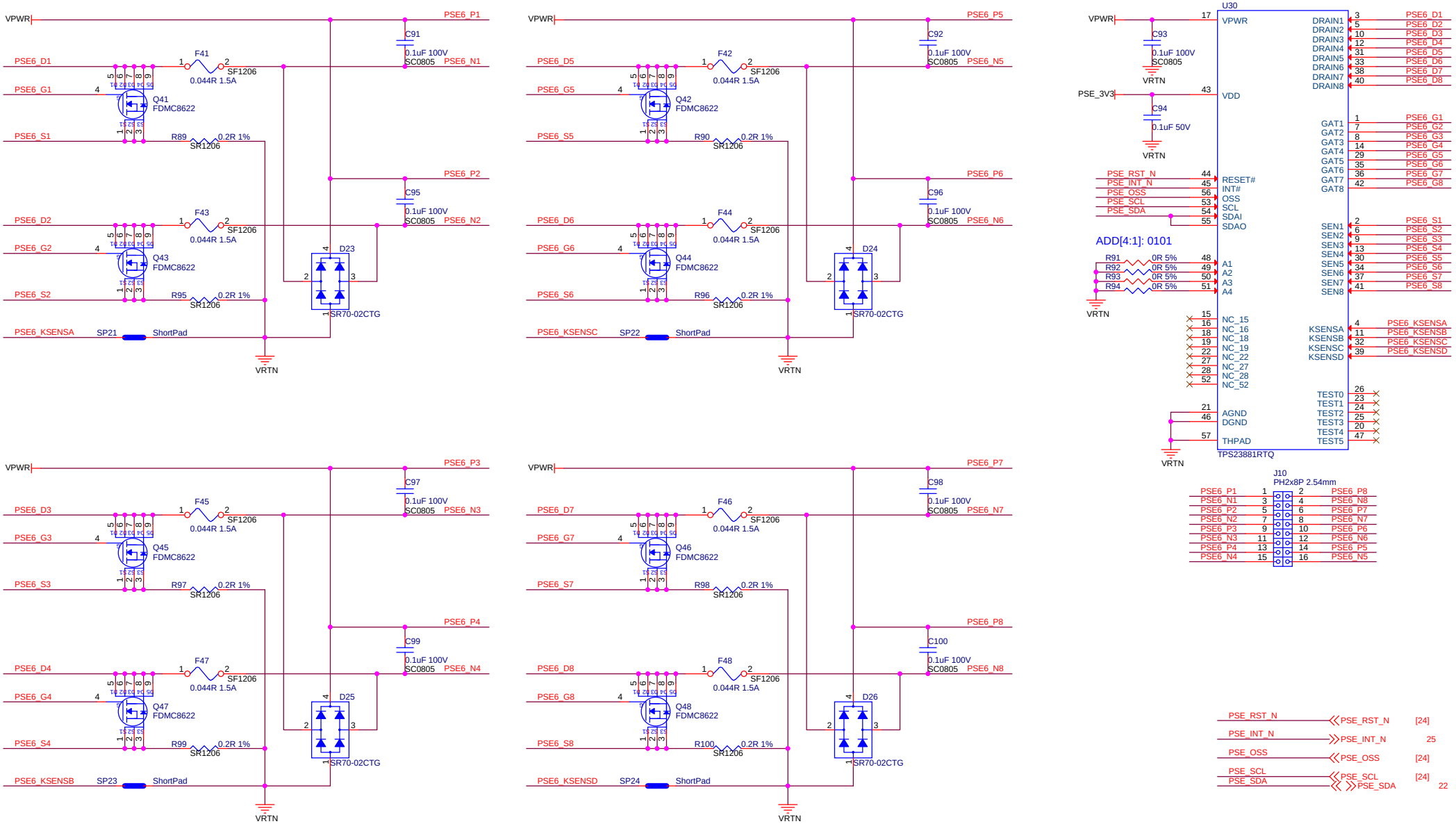

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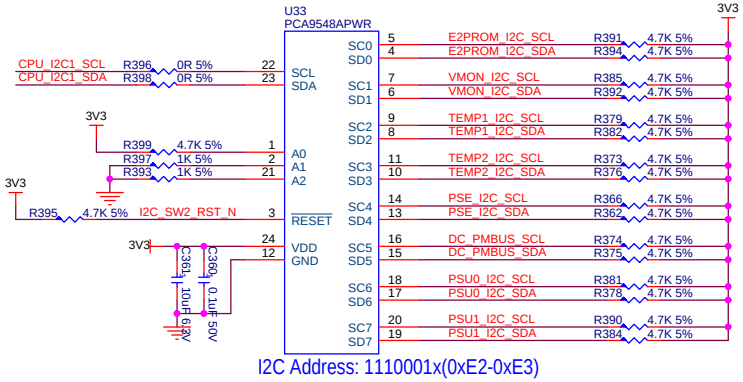

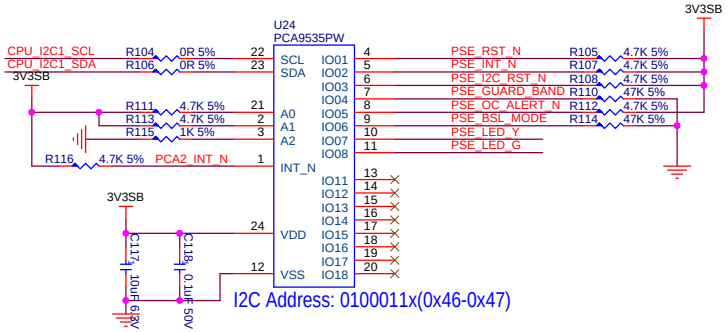

PSE_RST_N
PSE_INT_N
PSE_I2C_RST_N
PSE_I2C_SCL
PSE_I2C_SDA
PSE_GUARD_BAND
PSE_OC_ALERT_N
PSE_BSL_MODE
PSE_LED_Y
PSE_LED_G

PSU0_I2C_SCL
PSU0_I2C_SDA

PSU1_I2C_SCL
PSU1_I2C_SDA

CPU_I2C1_SCL
CPU_I2C1_SDA

I2C_SW2_RST_N
I2C_SW1_RST_N

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	Page Name : 32 I2C Devices		
Size : A3	Document Number : <Doc>	Design By : <Name>	Review By : <Name>	Rev : V1.0
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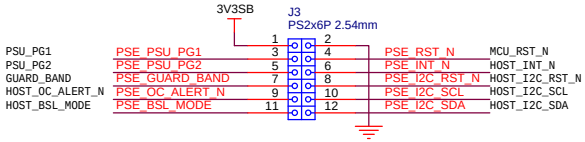

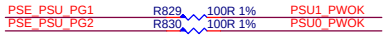

The PSU2 is installed in single PSU mode.
Therefore, connect PSU1_PWOK to PSE_PSU_PG1, while PSU0_PWOK to PSE_PSU_PG2

PSU0_PWOK [7]
PSU1_PWOK [7]

PSE_GUARD_BAND [32,35]
PSE_OC_ALERT_N [32]
PSE_BSL_MODE [32]

PSE_RST_N [32]
PSE_INT_N [32]
PSE_I2C_RST_N [32]
PSE_I2C_SCL [32]
PSE_I2C_SDA [32]

		Project Name : <Project Name>		
		Page Name : 33 PSE Host Interface		
Size : A3	Document Number : <Doc>	Design By : <Name>	Review By : <Name>	Rev : V1.0
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