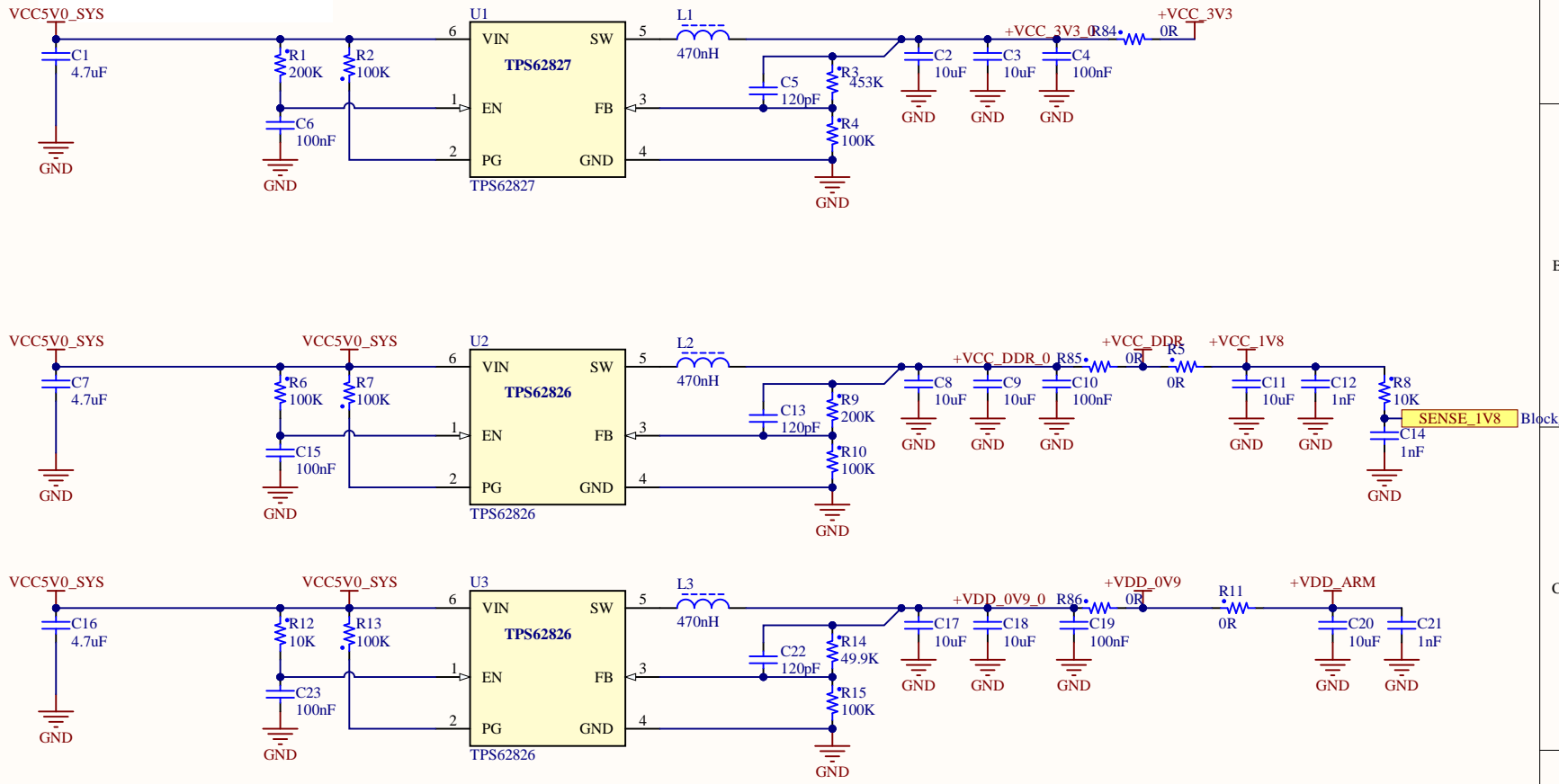
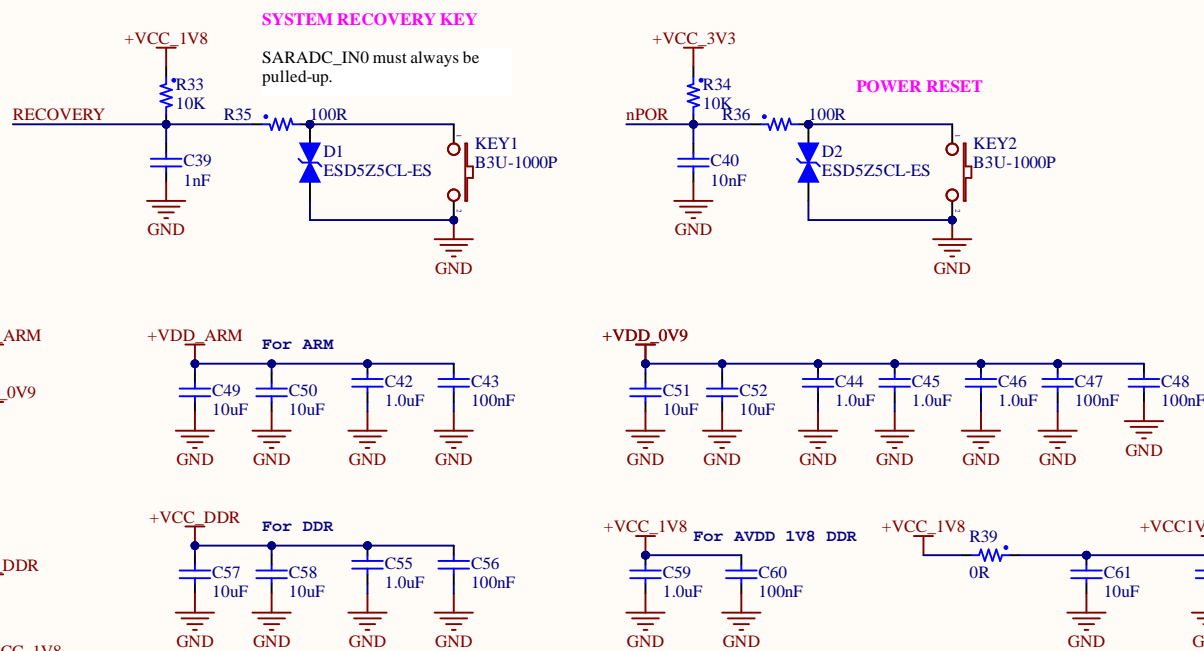
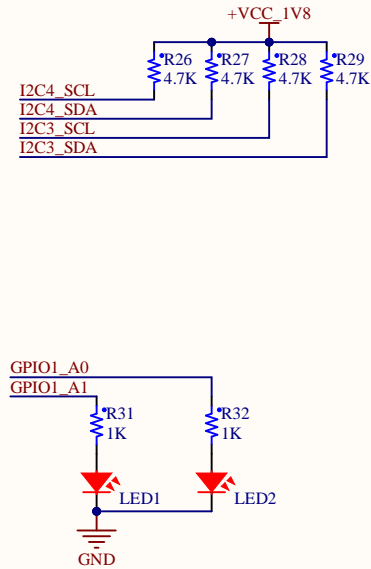
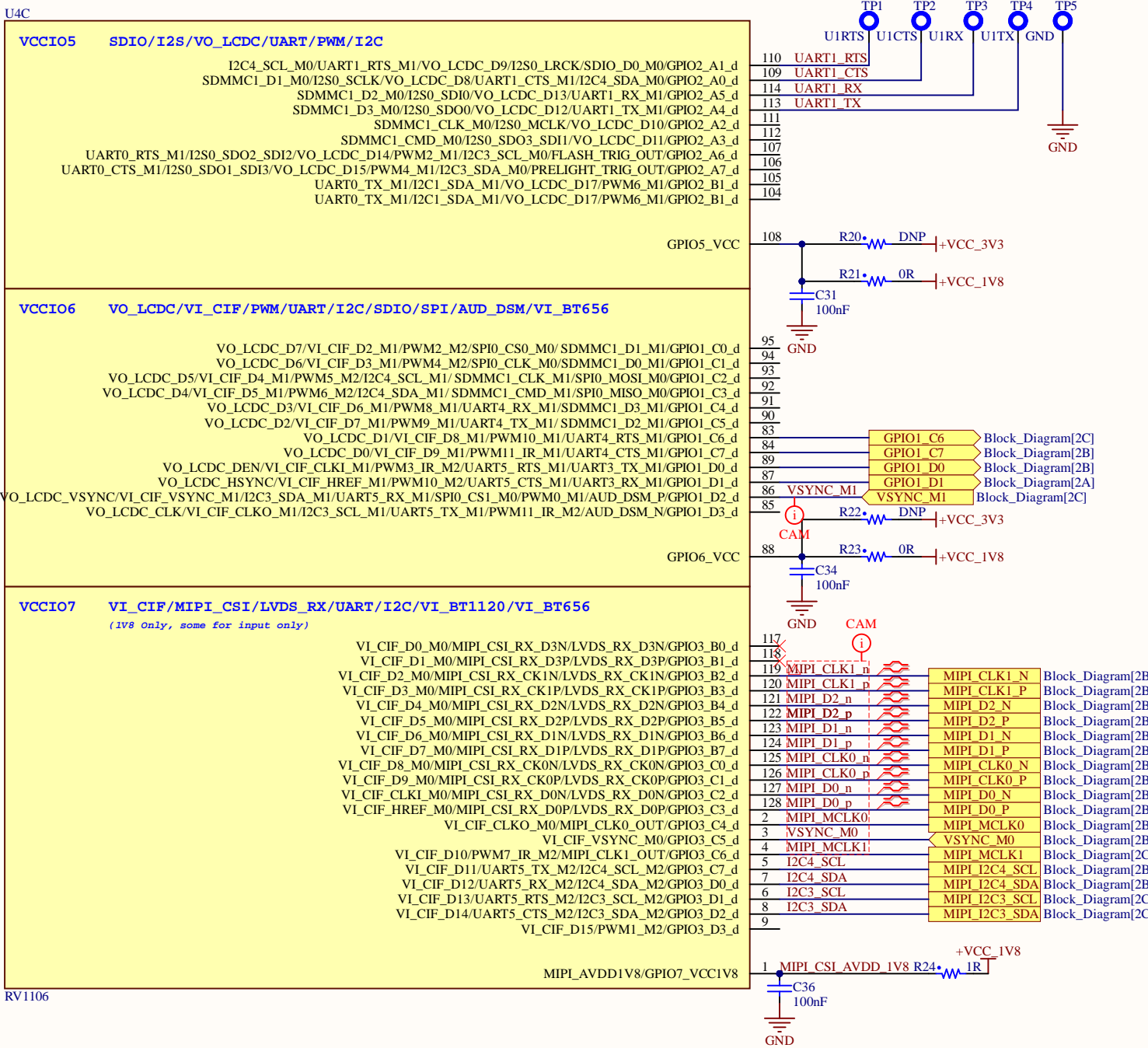


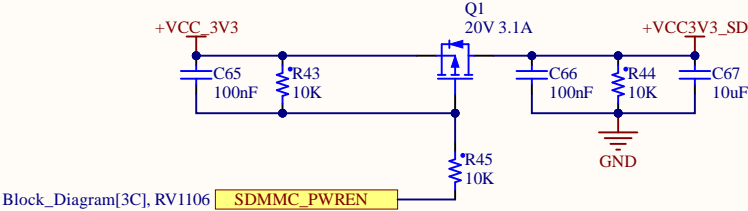
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Date:	1-13-2025	Sheet of
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***TI VSON-6(1.5x1.5) Buck DC-DC:
TLV62595DMQR (4A)
TPS62827DMQR (4A)
TPS62825DMQR (2A)
TPS62826DMQR (3A)

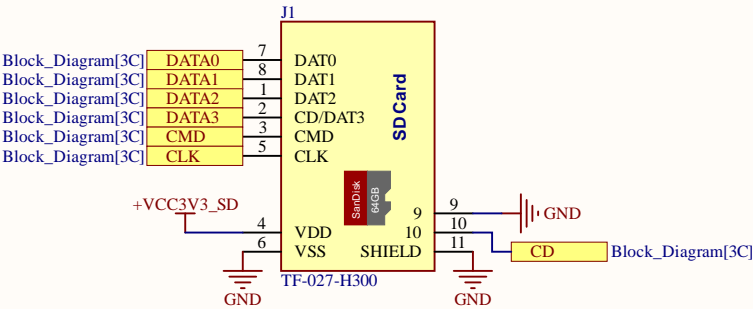


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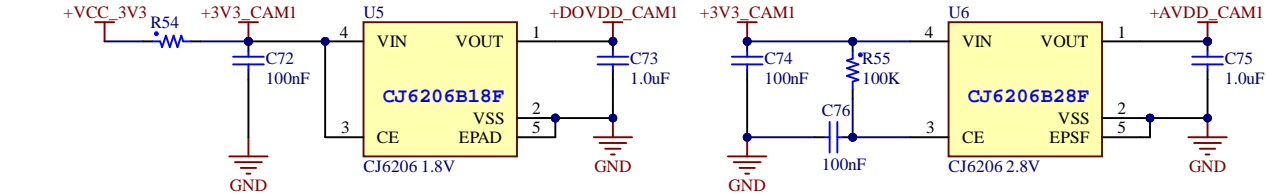




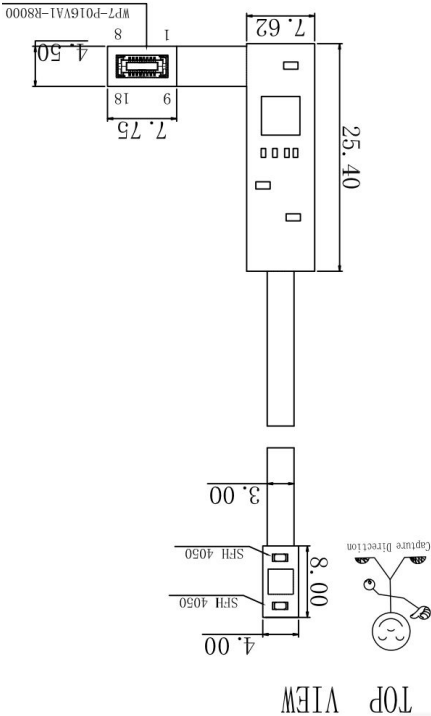
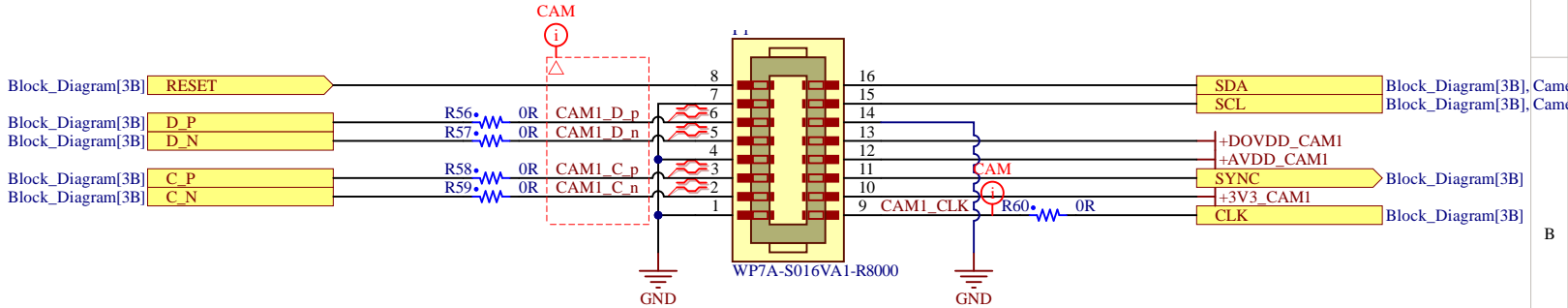
SDMMC0_PWREN=L VCC3V3_SD=3.3V(Default)
SDMMC0_PWREN=H VCC3V3_SD=0V



Title		
Size	Number	Revision
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Date:	1-13-2025	Sheet of
File:	D:\Dropbox\.\SDCARD.SchDoc	Drawn By:



* OV6710/OV6211 can use an internal regulator to provide digital core 1.5V DVDD for the digital core



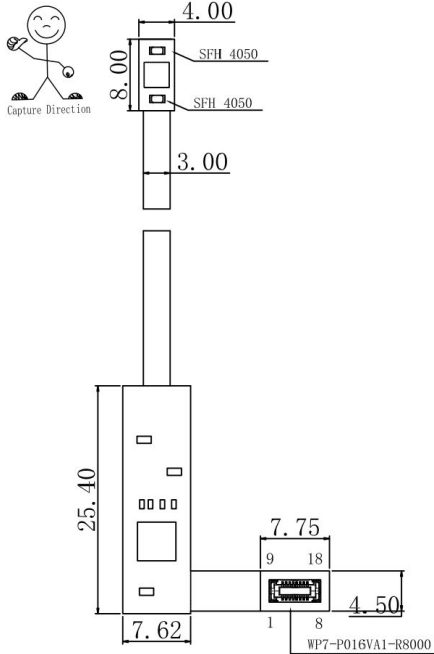
PIN DEFINITION

1	GND
2	C_N
3	C_P
4	GND
5	D_N
6	D_P
7	GND
8	RESET
9	CLK
10	+3V3
11	SYNC
12	AVDD
13	DOVDD
14	GND
15	SCL
16	SDA

	Document Title:		P&C Enterprise Solutions 151-153 Dong Van Cong street Thanh My Loi Ward, Thu Duc City	
	Project Name:		Ho Chi Minh City	
	Size: A4	Designer: Reviewer:	Revision:	Date: 13-01-25
			Sheet 6 of 10	

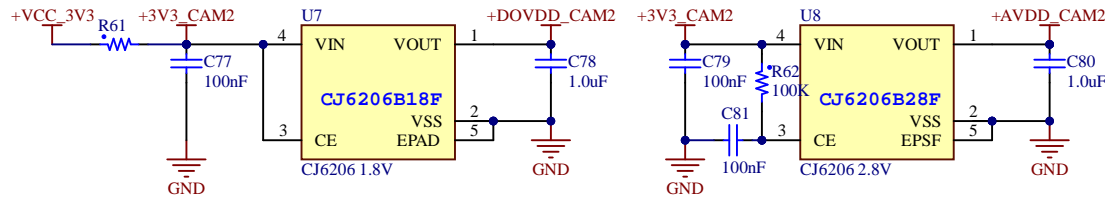
File: Camera1.SchDoc

TOP VIEW

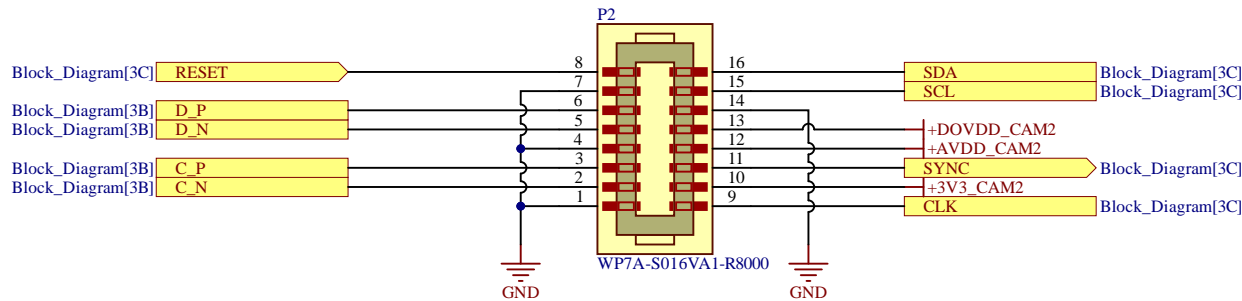


PIN DEFINITION

1	GND
2	C_N
3	C_P
4	GND
5	D_N
6	D_P
7	GND
8	RESET
9	CLK
10	+3V3
11	SYNC
12	AVDD
13	DOVDD
14	GND
15	SCL
16	SDA

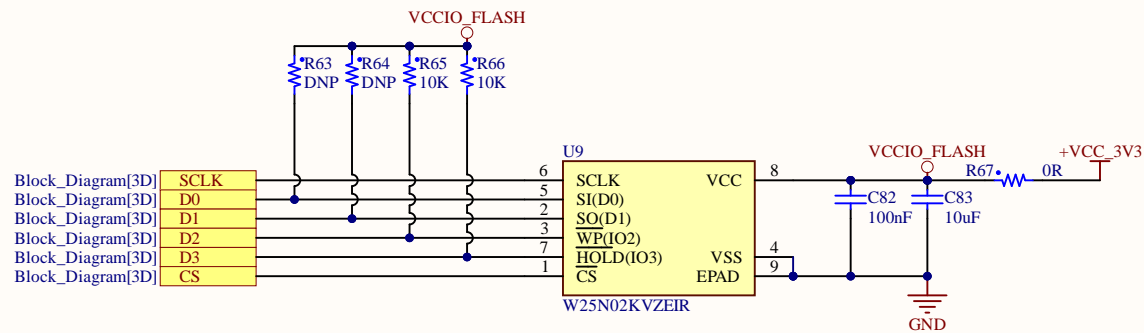


* OV6710/OV6211 can use an internal regulator to provide digital core 1.5V DVDD for the digital core



Document Title:			P&C Enterprise Solutions 151-153 Dong Van Cong street Thanh My Loi Ward, Thu Duc City Ho Chi Minh City	
Project Name:				
Size: A4	Designer: Reviewer:	Revision:	Date: 13-01-25	
		Sheet 8 of 10		

File: Camera2.SchDoc



Title		
Size	Number	Revision
A		
Date:	1-13-2025	Sheet of
File:	D:\Dropbox\...\FLASH.SchDoc	Drawn By:

A	1		2		3		4	
	Impedance (Ω)		Type		Signal Layer		Top Ref	
	100		Differential Pair(Non coplanar)		L1		/	
							L2	
							4.5700	
							4.0000	
	Layer		Material			Thickness (mil)		Thickness (mm)
	L1		Outer Copper Weight1oz			1.38		0.0350
	Prepreg		7628, RC 49%, 8.6 mil			8.28		0.2104
	B	L2		Inner Copper Weight			0.60	
Core		1.1mm H/HOZ with copper			41.93		1.0650	
L3		Inner Copper Weight			0.60		0.0152	
Prepreg		7628, RC 49%, 8.6 mil			8.28		0.2104	
L4		Outer Copper Weight1oz			1.38		0.0350	
C								
D								
1		2		3		4		

Title			Revision
Size A	Number		
Date:	1-13-2025		Sheet of
File:	D:\Dropbox\...\Stackup.SchDoc		Drawn By:

Title			
Size A	Number		Revision
Date:	1-13-2025		Sheet of
File:	D:\Dropbox\...\Stackup.SchDoc		Drawn By: