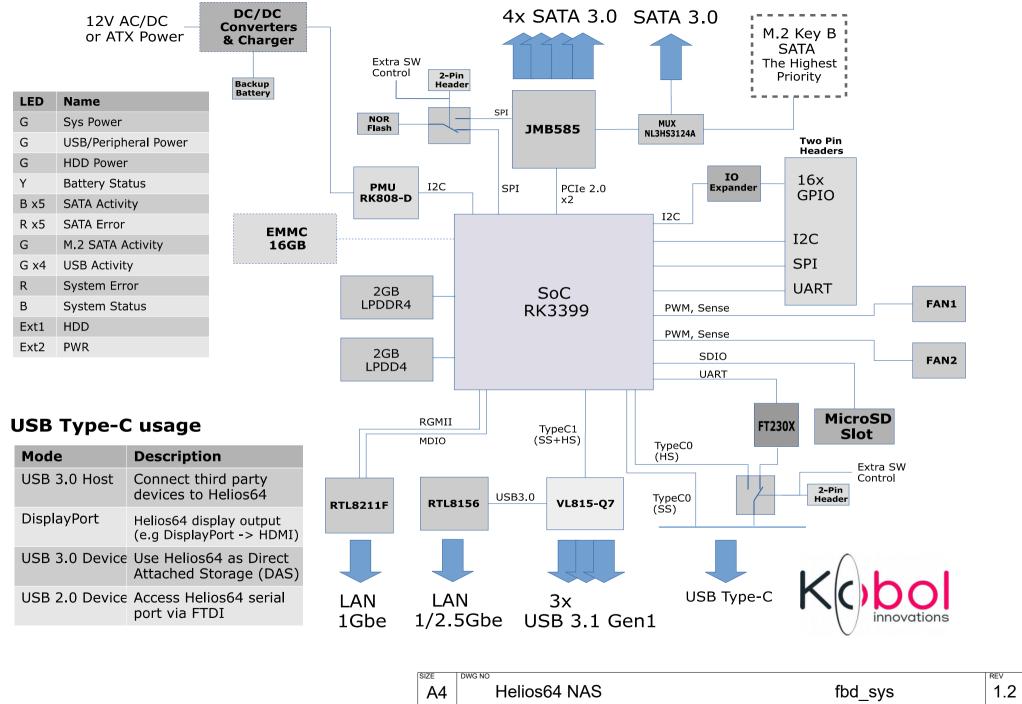


05/07/2020



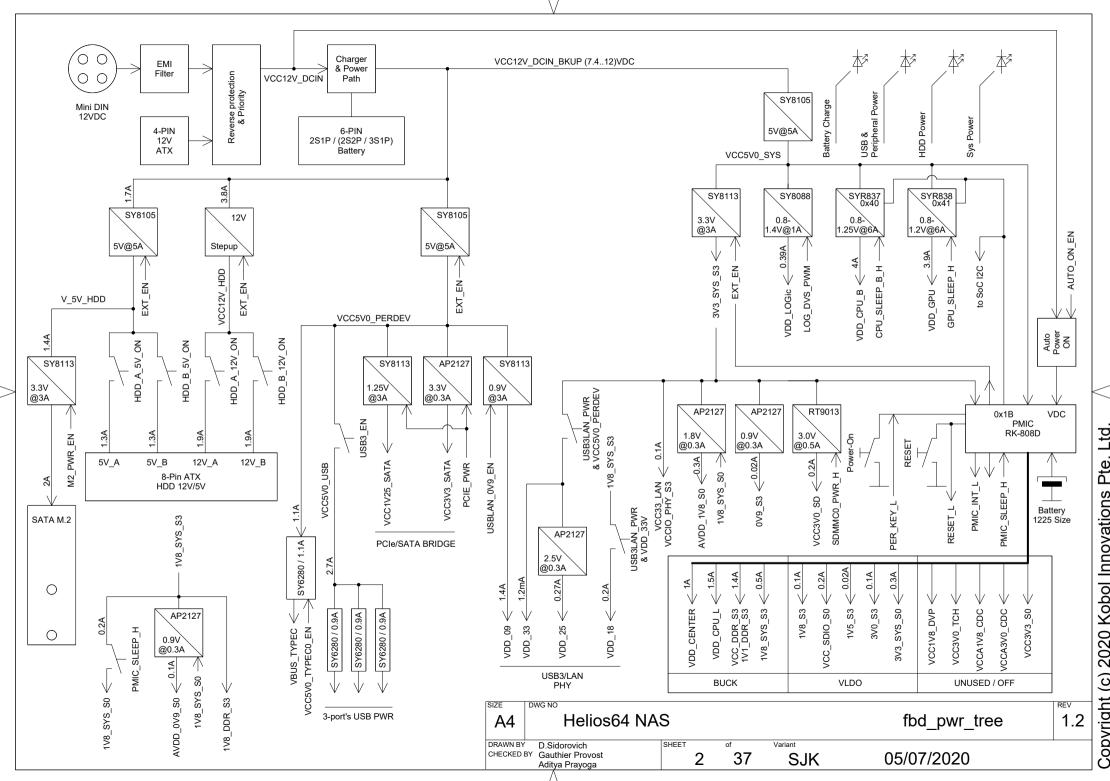
DRAWN BY

D.Sidorovich CHECKED BY Gauthier Provost

Aditya Prayoga

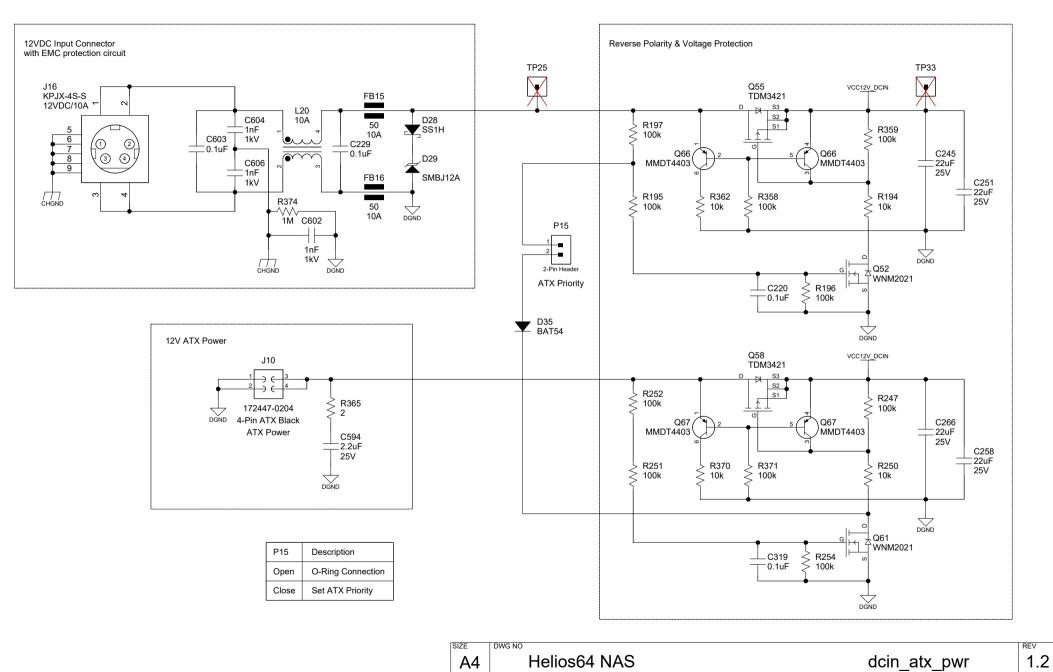
37

SJK



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DC Power Input



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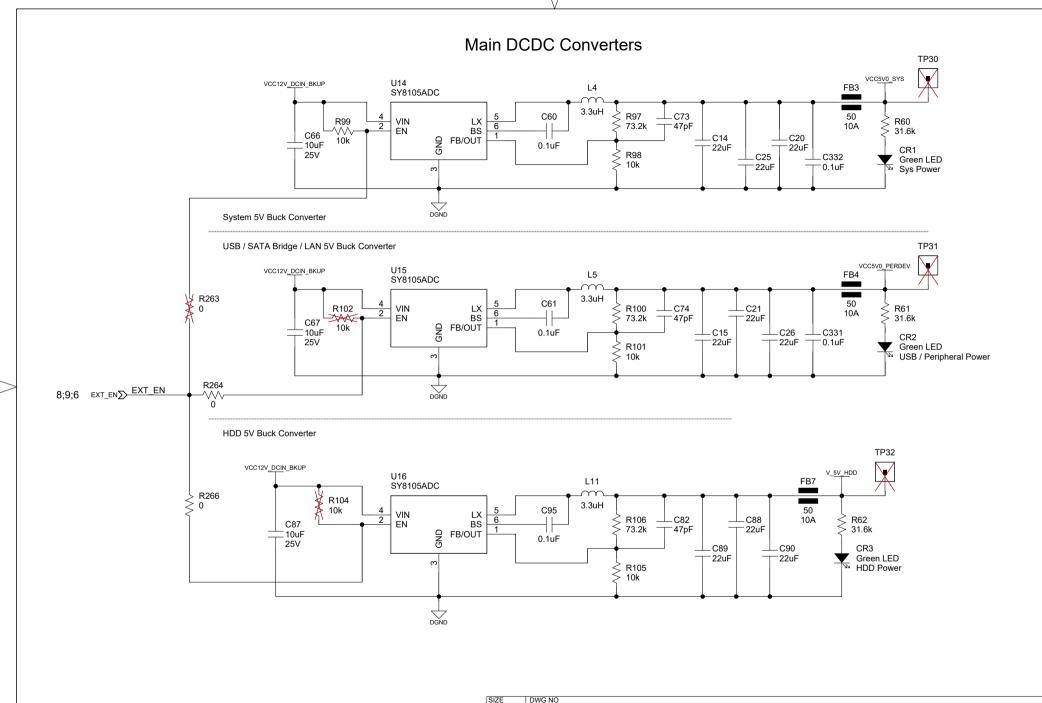
SJK

3

05/15/2020

sys usb hdd pwr

05/16/2020



A4

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Helios64 NAS

37

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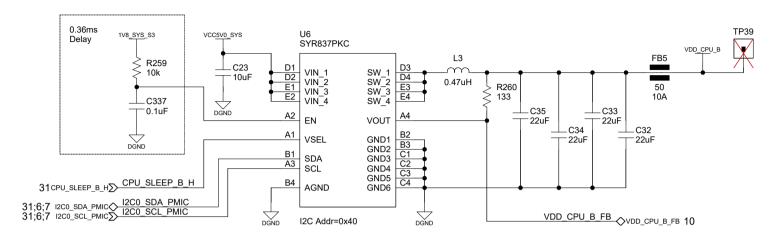
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D.Sidorovich

Aditya Prayoga

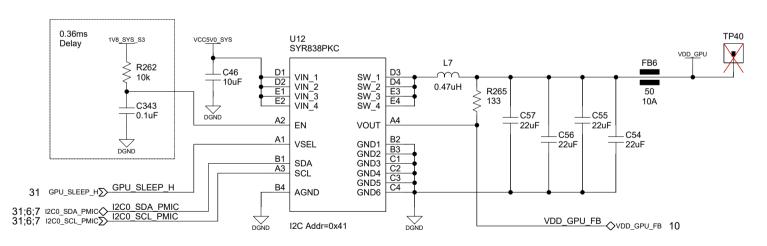
CHECKED BY Gauthier Provost

CPU & GPU Core Power



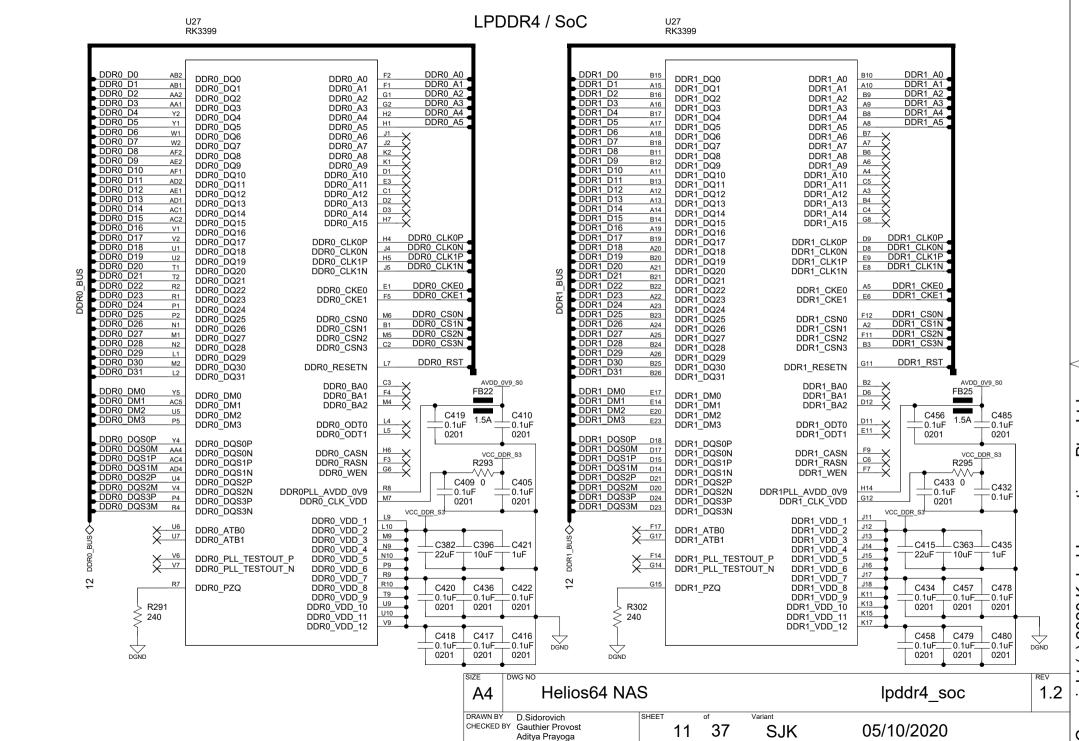
VDD_CPU_B Power

VDD GPU Power

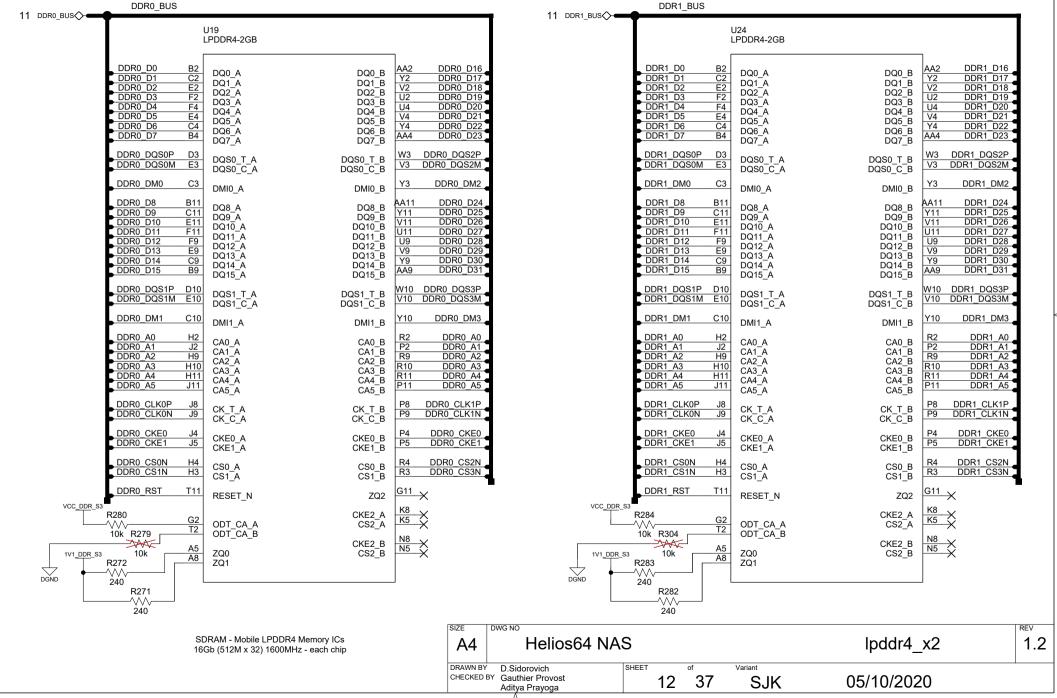


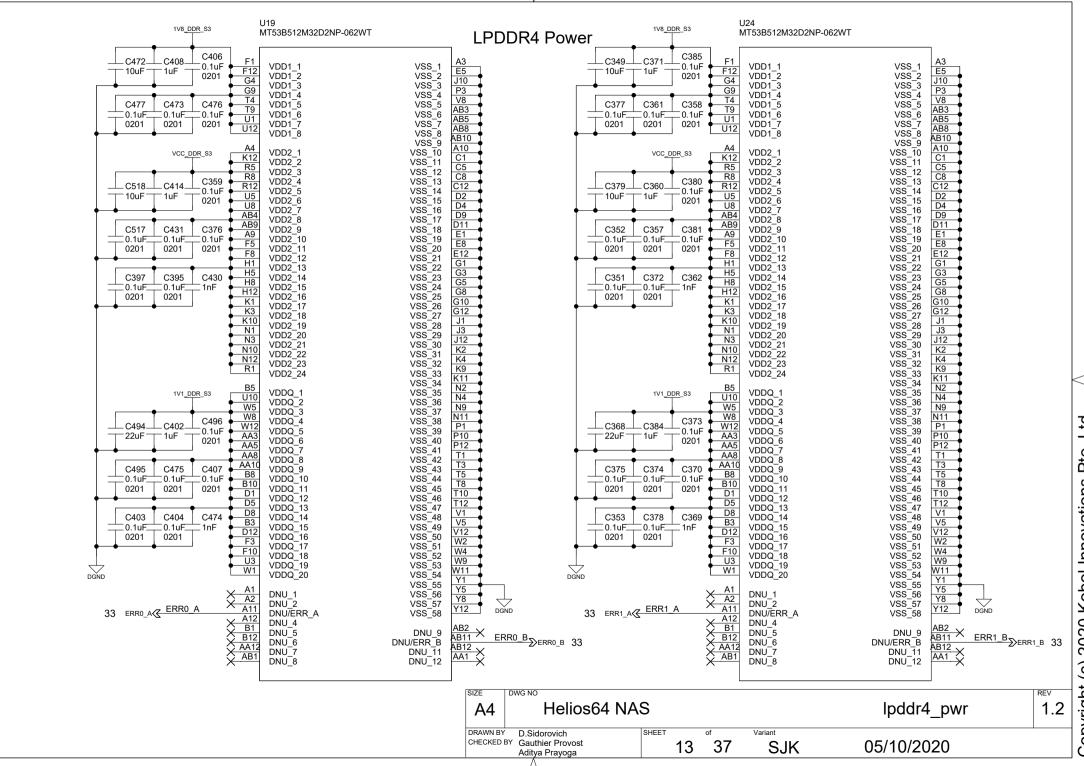
A4	Helios64 NA	S			cpu_gpu_pwr	1.2
DRAWN BY CHECKED I	D.GIGGI GVIGIT	SHEET 7	of 37	Variant SJK	05/15/2020	

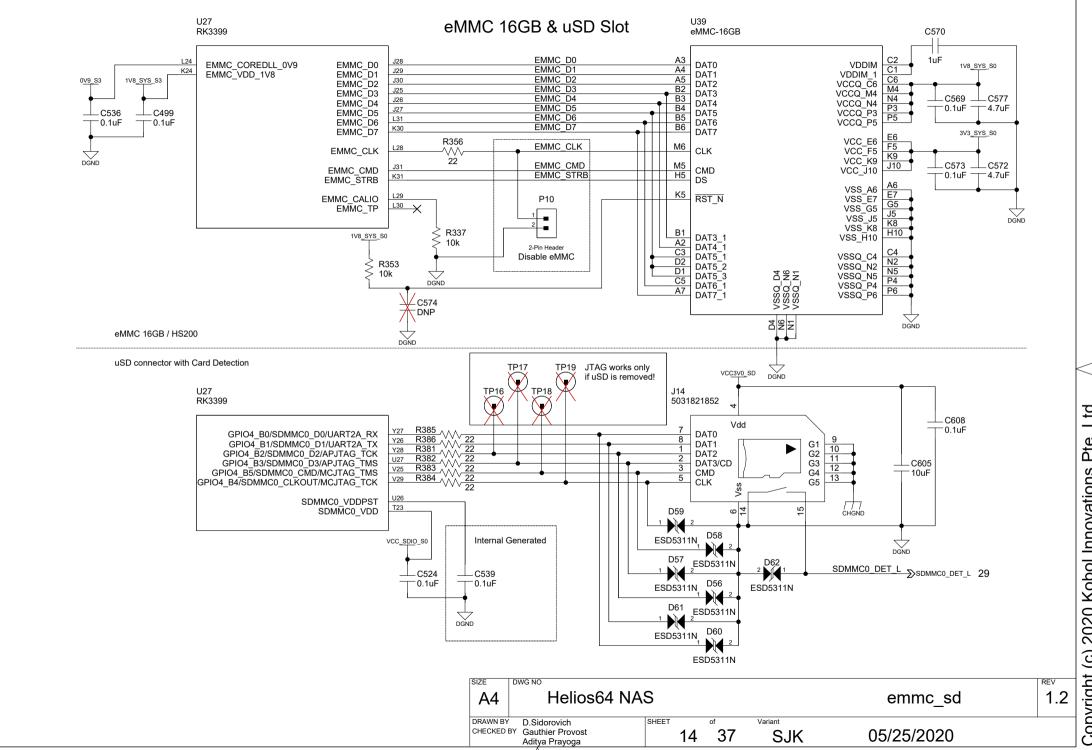
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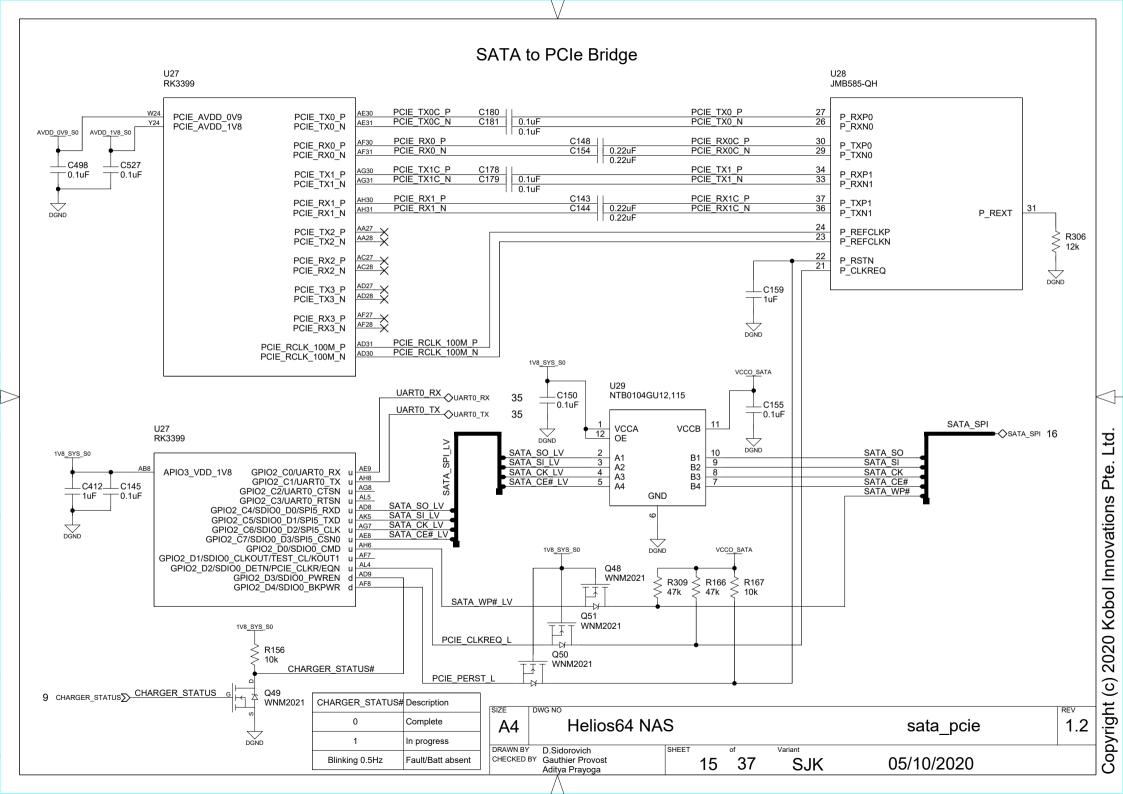


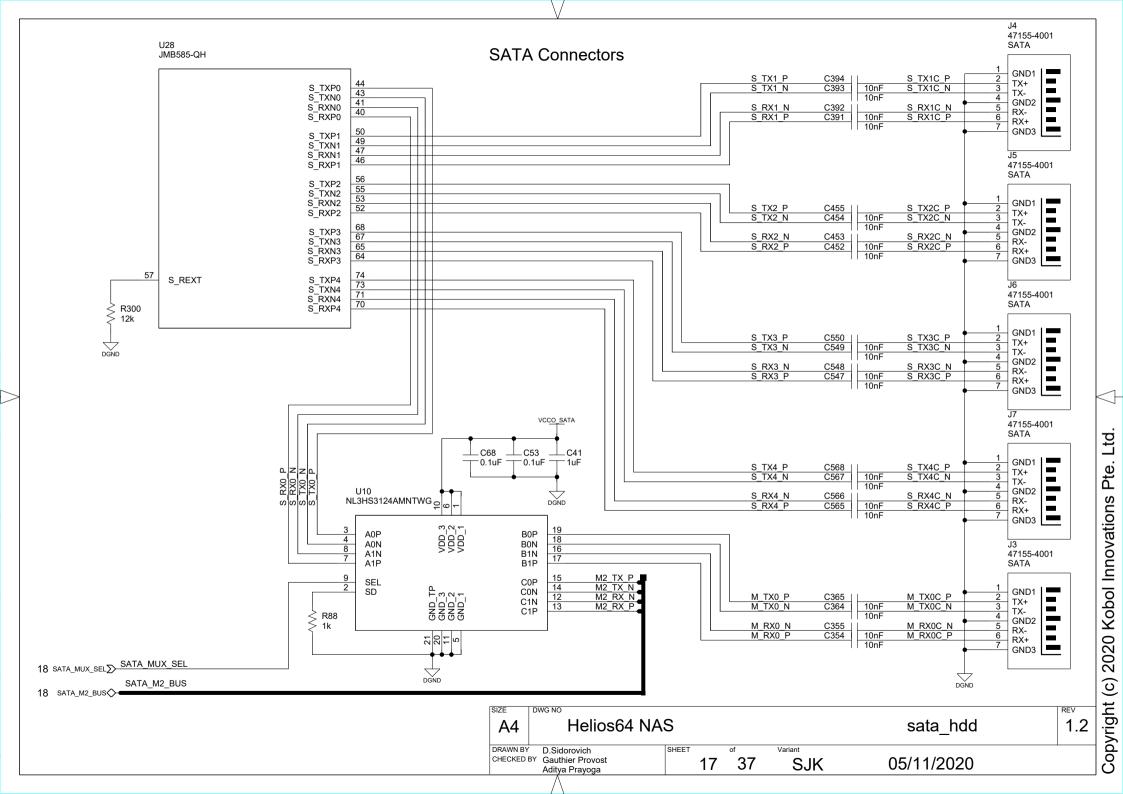
LPDDR4 2x 2GB

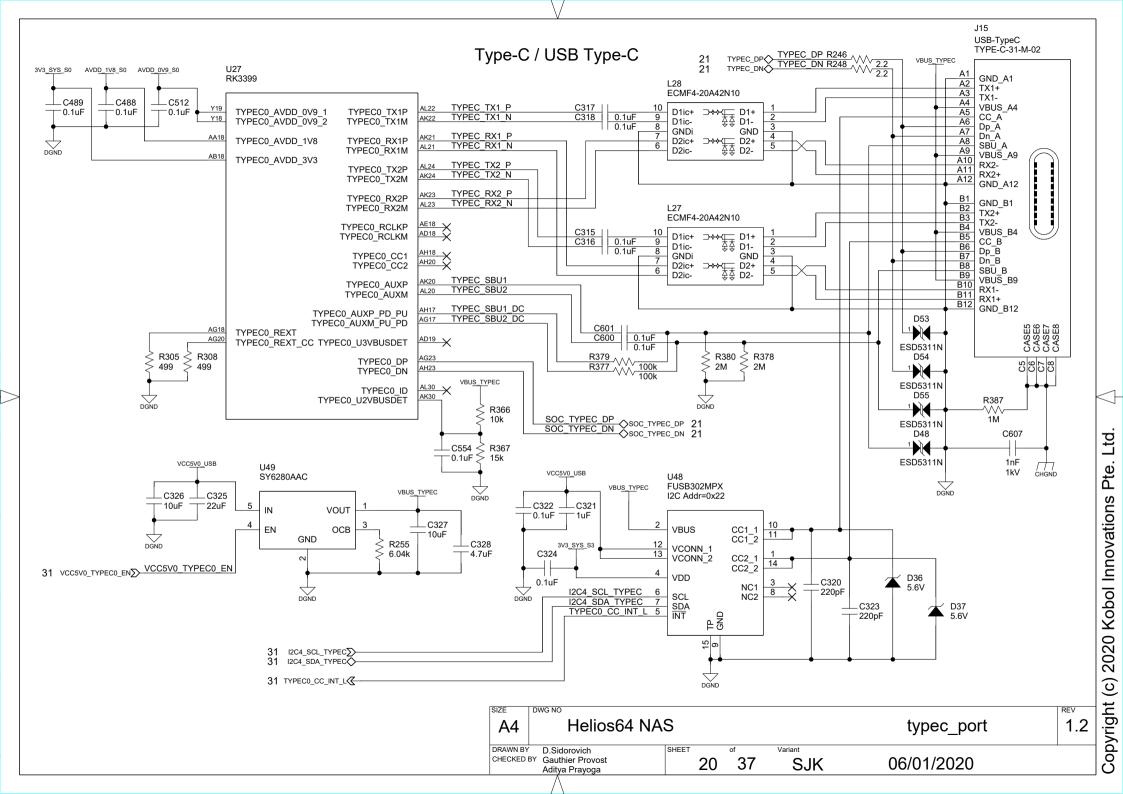


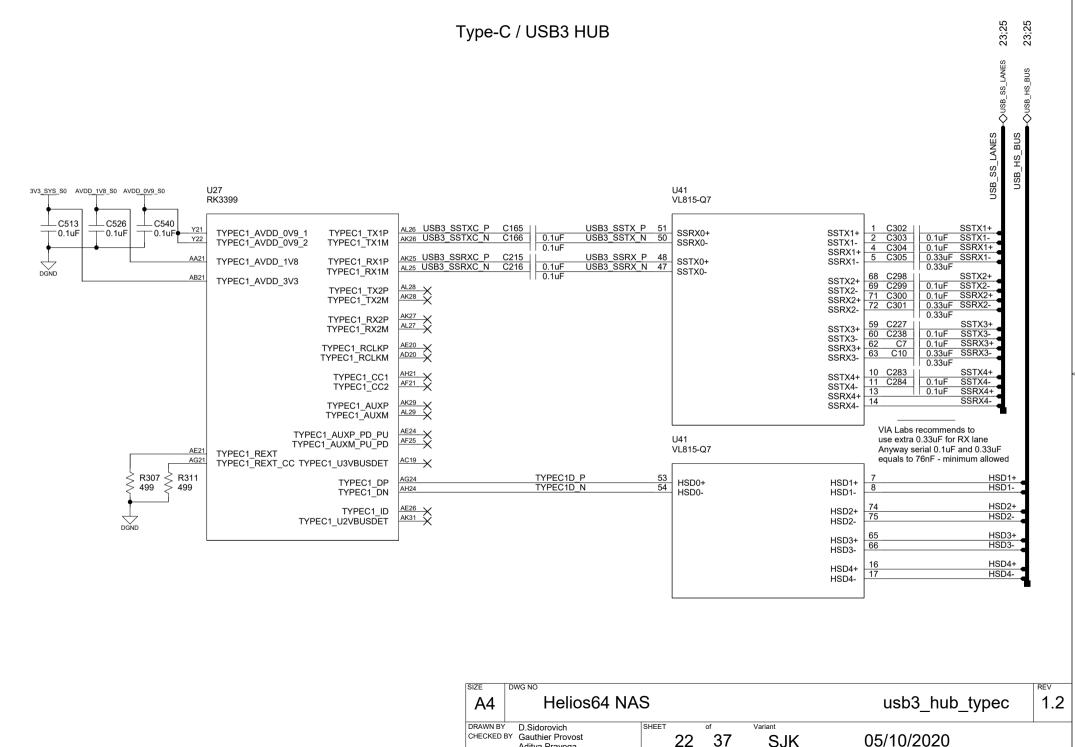






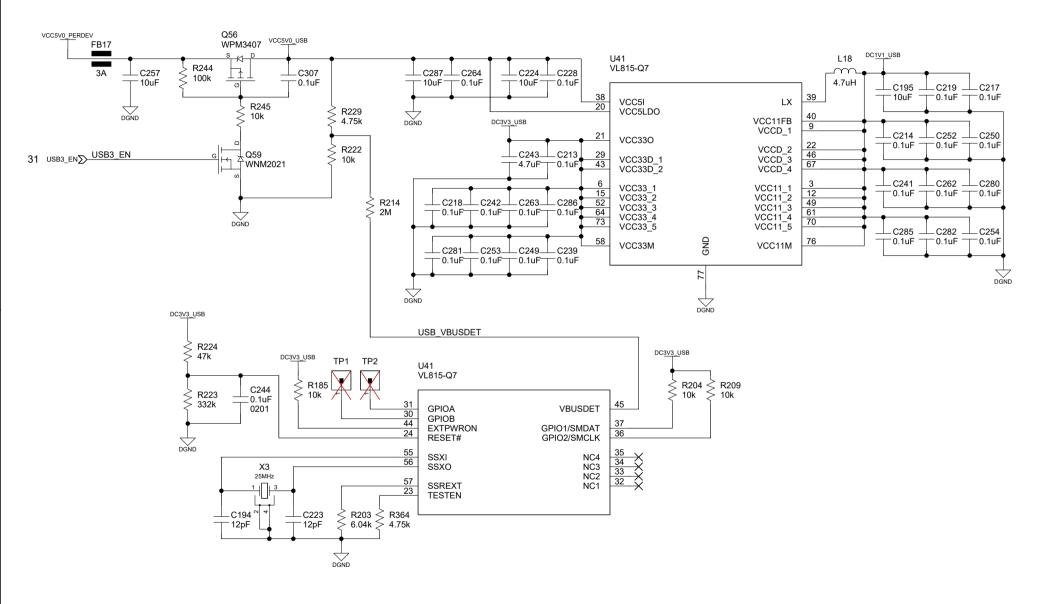






Aditya Prayoga

USB3 HUB Power

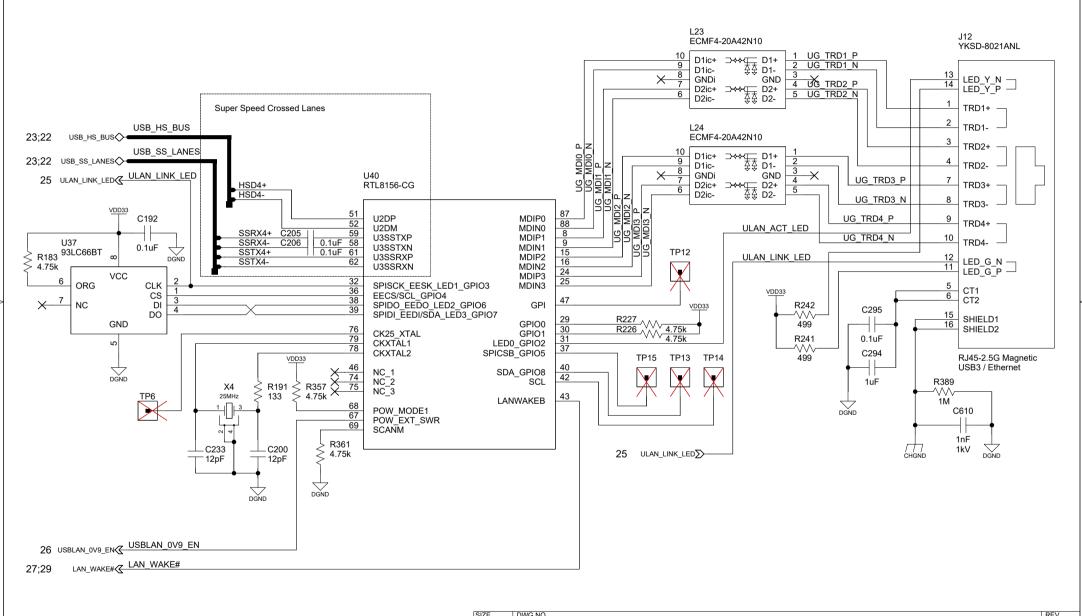


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A4 Helios64 NAS usb3_hub_pwr_led 1.2

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USB3 to 1.0/2.5 GbE LAN



Helios64 NAS

25

37

SJK

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A4

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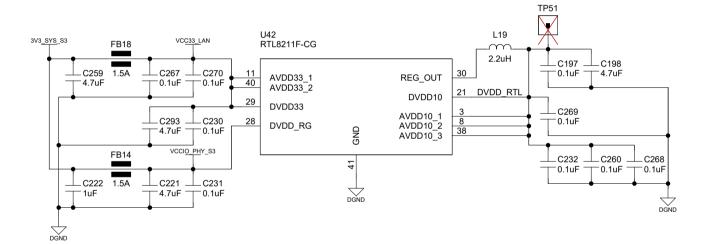
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usb3 lan

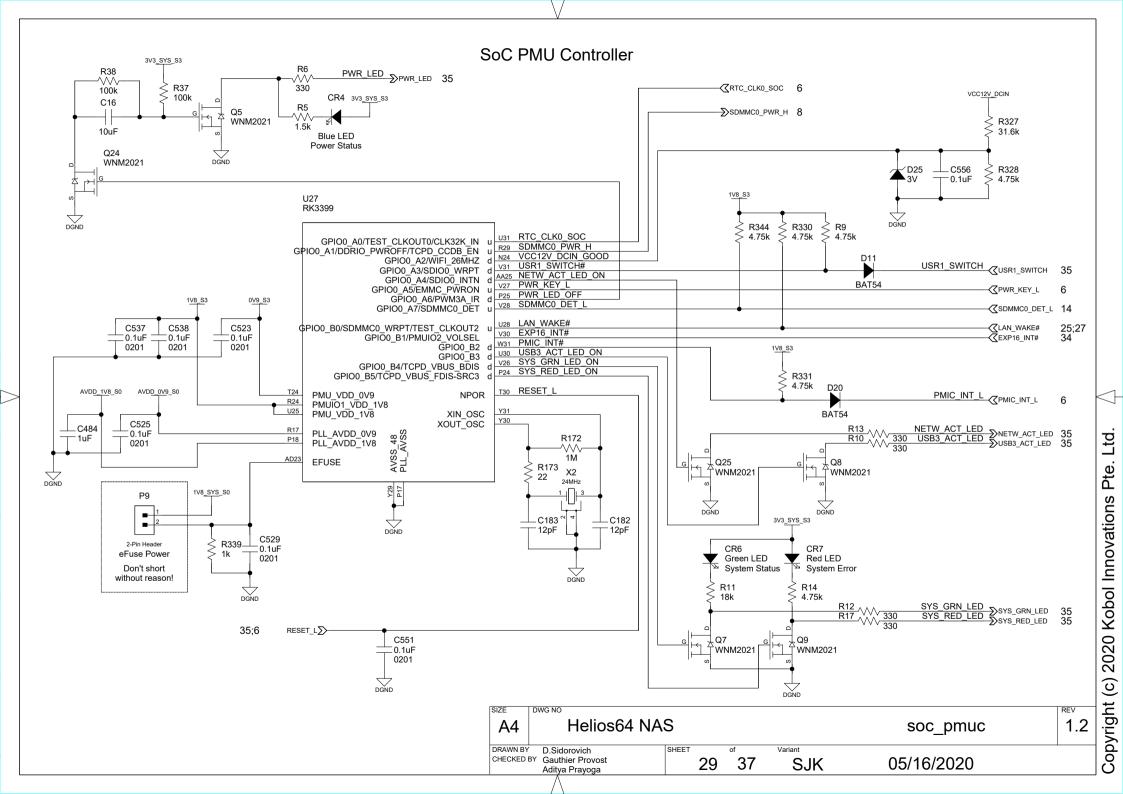
06/01/2020

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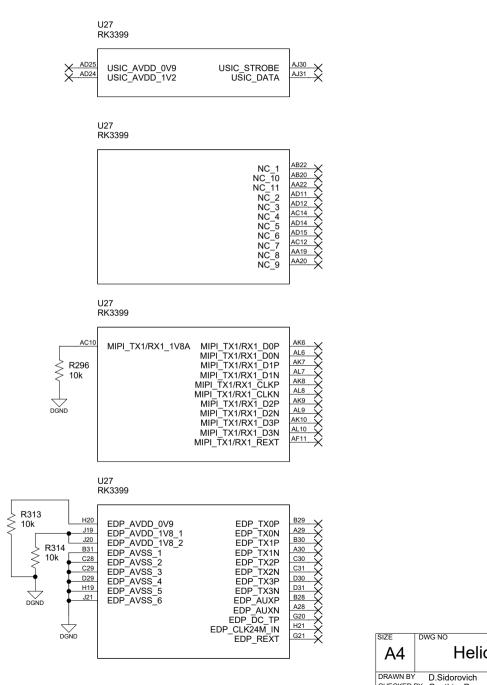
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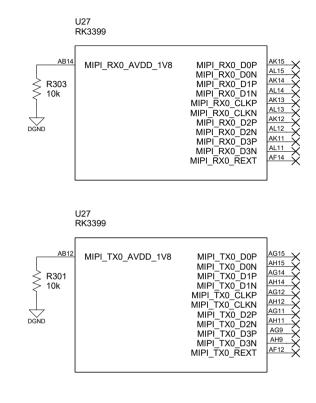


	DWG NO	_					REV
A4	Helios64 NAS					rgmii lan pwr	1.2
						<u> </u>	
DRAWN BY	D.Sidorovich	SHEET		of	Variant		
CHECKED B	Y Gauthier Provost		20	37	SJK	05/07/2020	
	Aditya Prayoga		20	31	SJK	03/01/2020	



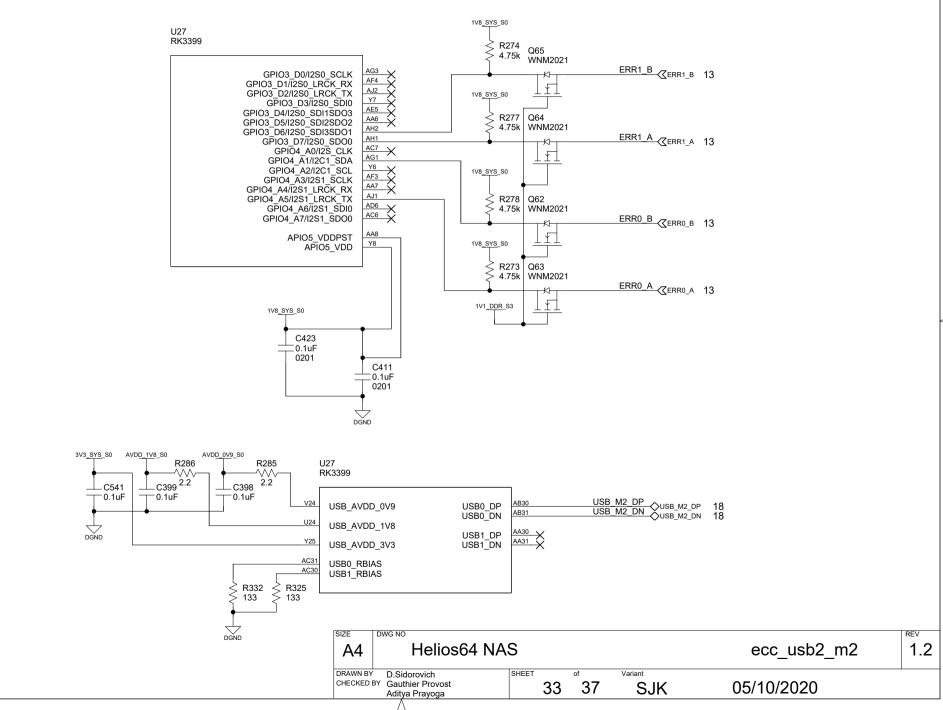
Unused SoC Peripheral



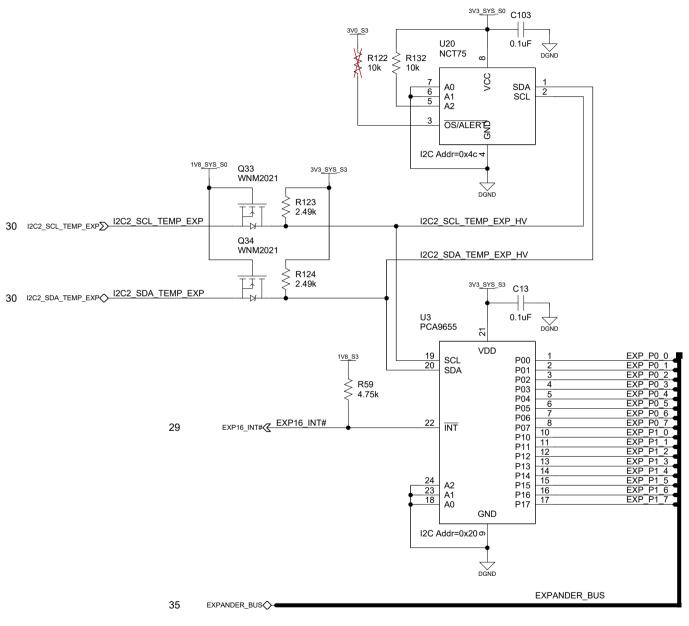


SIZE	DWG NO						REV
A4	Helios64 NA	S				soc_unused	1.2
DRAWN BY CHECKED BY	D.Sidorovich Gauthier Provost Aditya Prayoga	SHEET	32	of 37	Variant SJK	05/07/2020	

ECC LPDDR Support and USB2.0 M.2



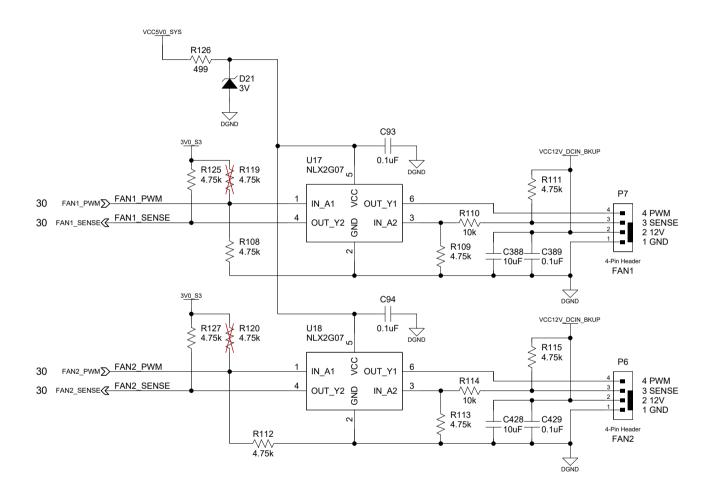
I2C Expander / Temperature Sensor



A4 Helios64 NAS temp_expander 1.2

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FAN Connectors



A4	Helios64 NAS				fans_headers		
DRAWN BY CHECKED B	D.Sidorovich Y Gauthier Provost Aditya Prayoga	SHEET	36	of 37	Variant SJK	05/13/2020	

I2C	0	1	2	3	4	5	6	7	8
RK808-D	0x1b								
SYR837	0x40								
SYR838	0x41								
NCT75			0x4c						
PCA9655			0x20						
FUSB302					0x22				
P1 Header									Ext Devices
P2 Header				Reserved (UART default)			Reserved (SPI default)	Ext Devices	
Absent		Reserved							

A4	Helios64	NAS		i2c_map	1.2	
DRAWN BY CHECKED	D.OIGOTOVIOIT	SHEET 37	7 ° 37	Variant SJK	05/07/2020	