

# Hello Farogh

Variant: Alpha

27-08-2019  
V1I0

IN DESIGN

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5	Ethernet & USB Hub
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7	CSI-DSI & RTC

Drop your product image here


DESIGN CONSIDERATIONS

DESIGN NOTE:  
Example text for informational  
design notes .

DESIGN NOTE:  
Example text for critical  
design notes.

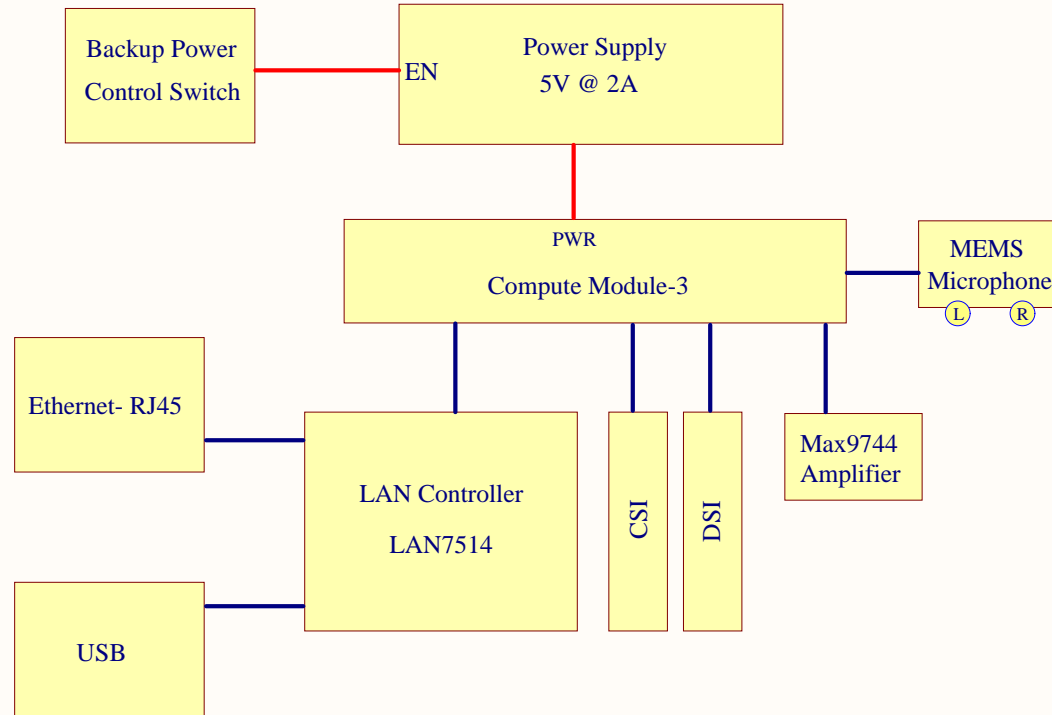
DESIGN NOTE:  
Example text for cautionary  
design notes.

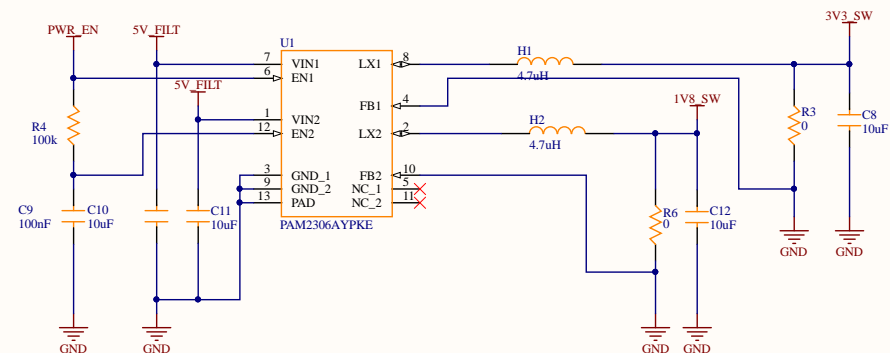
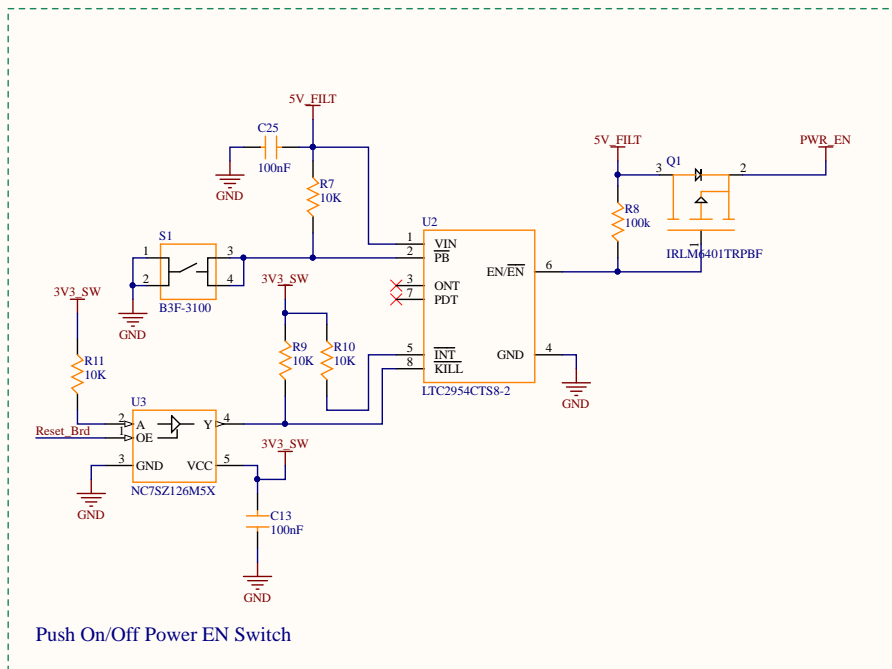
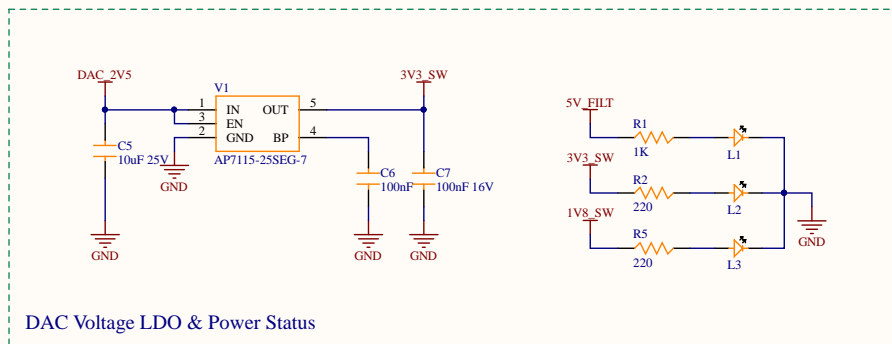
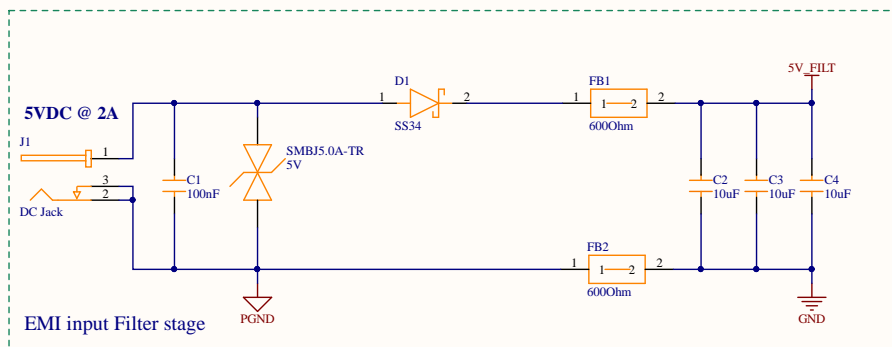
LAYOUT NOTE:  
Example text for critical  
layout guidelines.


Title <b>Cover Page</b>			Farogh Iftikhar Defence Coloney New Delhi	
Size: A3	Number:	Revision:V1I0	Approved By:	
Date: 27-08-2019	Time: 11:10:35	Sheet1 of	Drawn By: Farogh	
ProjectName: Hello-Farogh-V1I0.PriPcb				

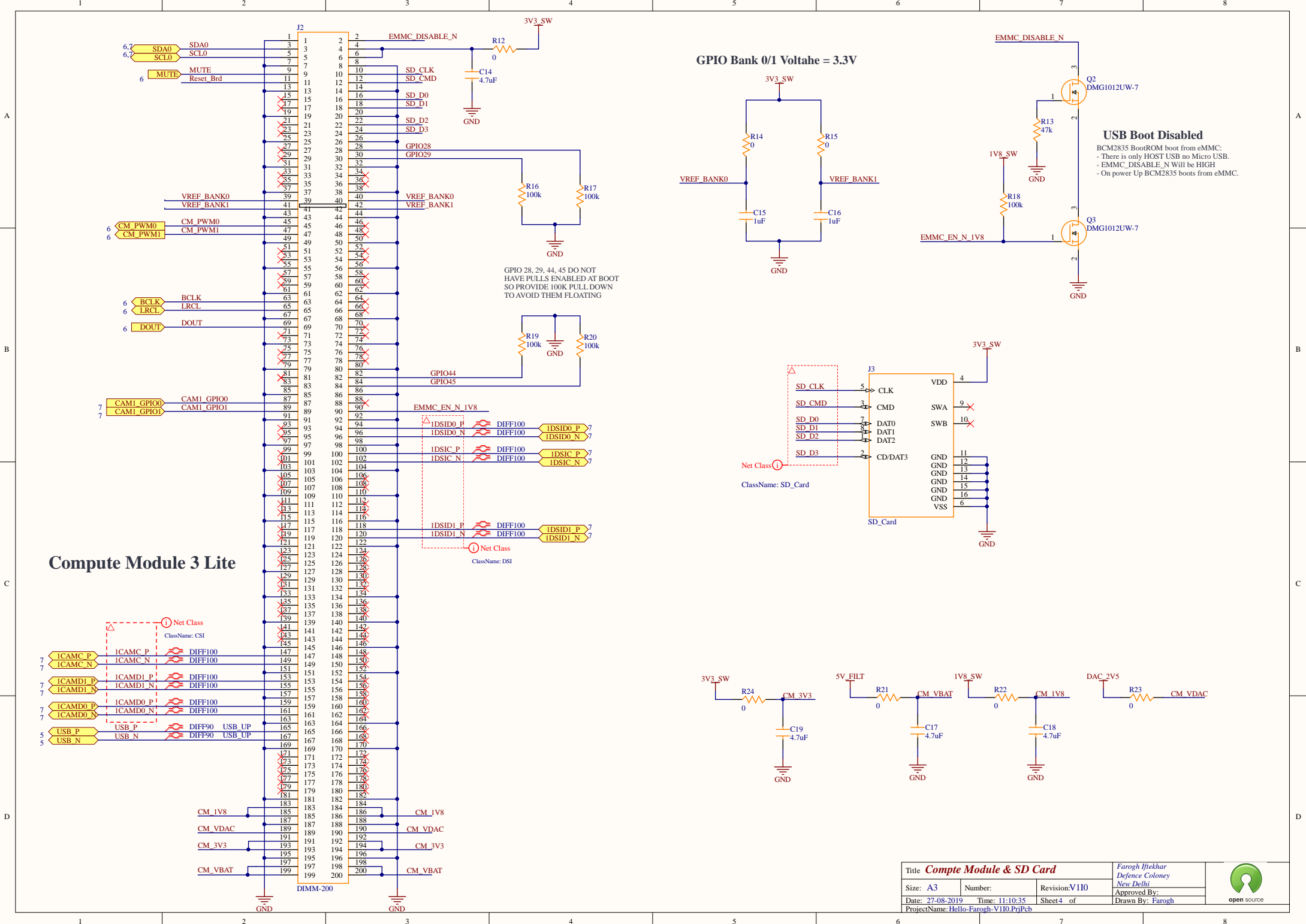
# Hello Farogh

## (Block Diagram)

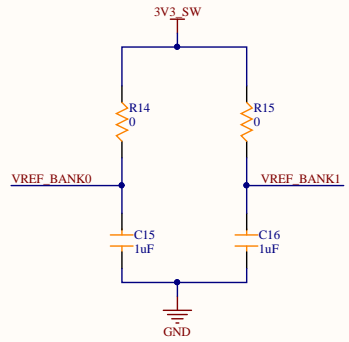




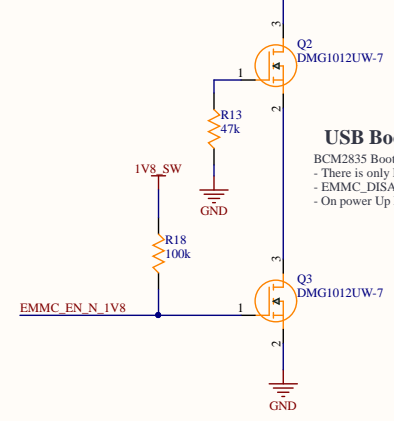
Title <b>Power Supply</b>			<i>Farogh Iftekhar</i> <i>Defence Colony</i> <i>New Delhi</i>	 open source
Size: <b>A3</b>	Number:	Revision: <b>V110</b>	Approved By:	
Date: <b>27-08-2019</b>	Time: <b>11:10:35</b>	Sheet <b>3</b> of	Drawn By: <b>Farogh</b>	
ProjectName: <b>Hello-Farogh-V110.PriPcb</b>				



### GPIO Bank 0/1 Voltage = 3.3V

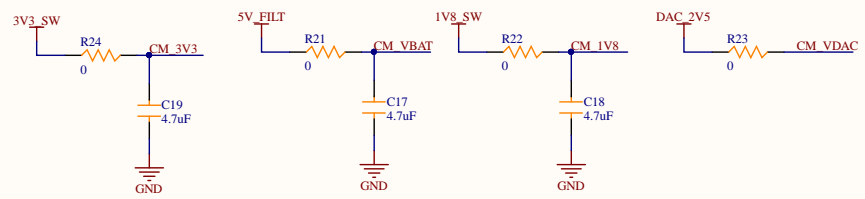
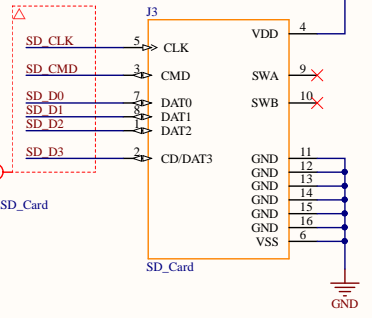


### EMMC\_DISABLE\_N



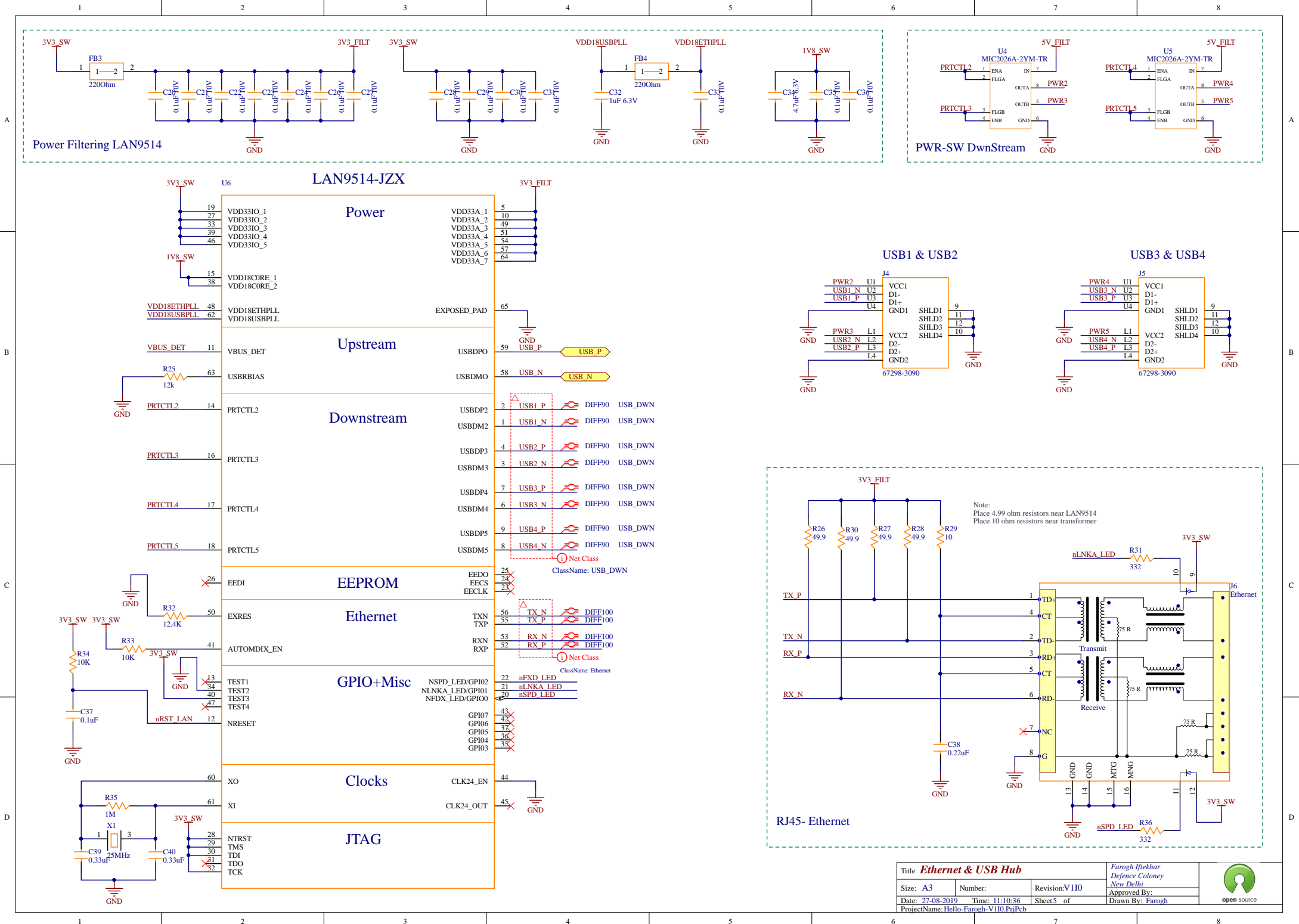
### USB Boot Disabled

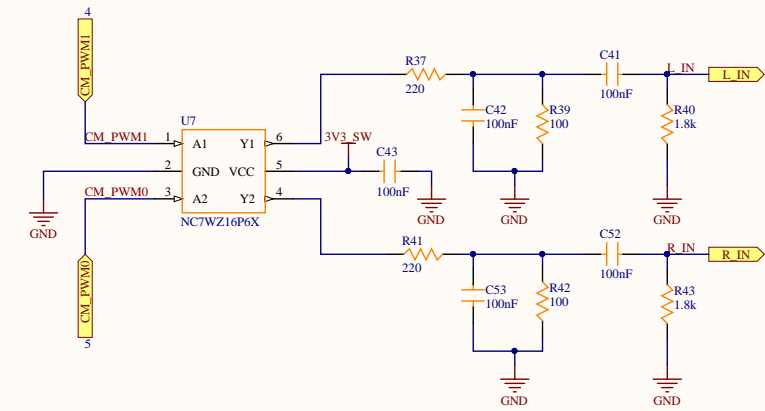
BCM2835 BootROM boot from eMMC.  
- There is only HOST USB no Micro USB.  
- EMMC\_DISABLE\_N Will be HIGH  
- On power Up BCM2835 boots from eMMC.



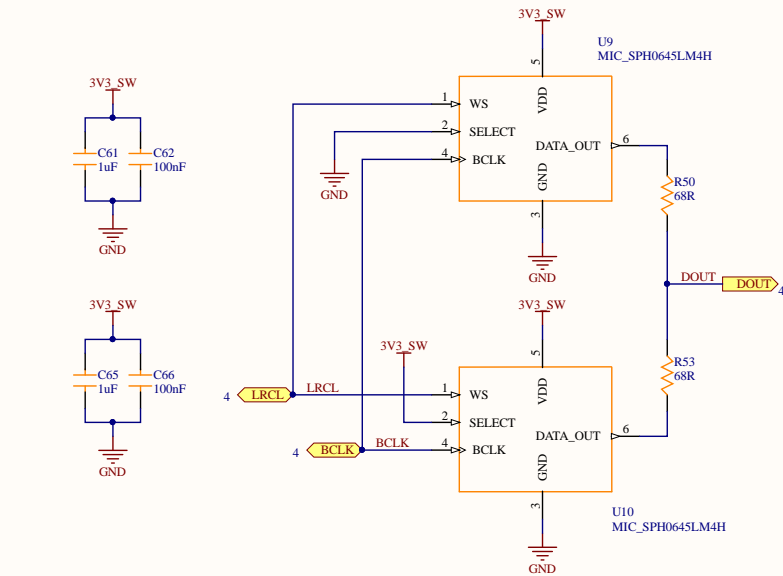
### Compute Module 3 Lite

Title <b>Compute Module &amp; SD Card</b>			Farogh Iftikhar Defence Colony New Delhi	
Size: <b>A3</b>	Number:	Revision: <b>V110</b>	Approved By:	
Date: 27-08-2019	Time: 11:10:35	Sheet4 of	Drawn By: Farogh	
ProjectName: Hello-Farogh-V110.PriPcb				

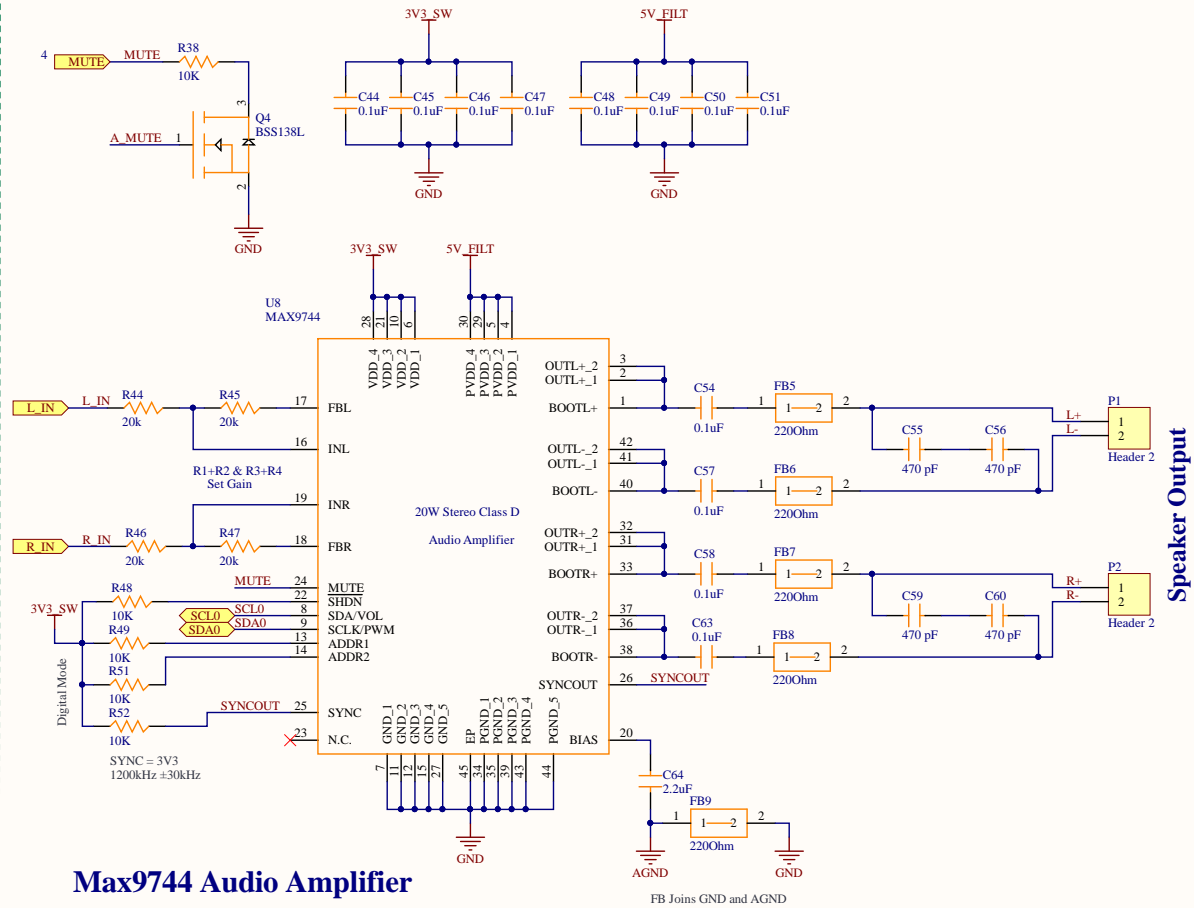




Compute Module Analog Audio Output



Digital I2S MEMS Stereo Mic



Max9744 Audio Amplifier

Speaker Output



