

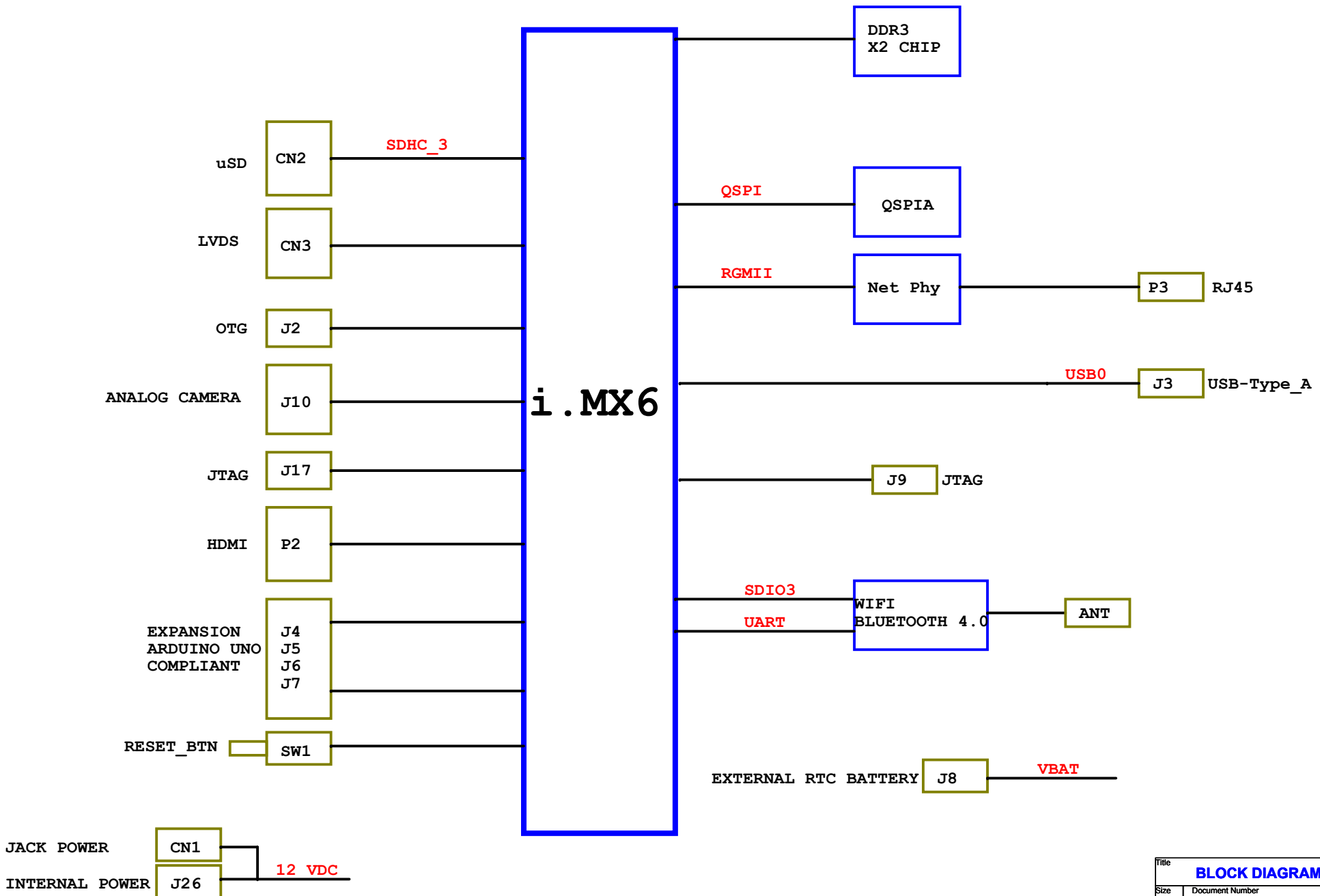
# UDOO NEO

## REV.D

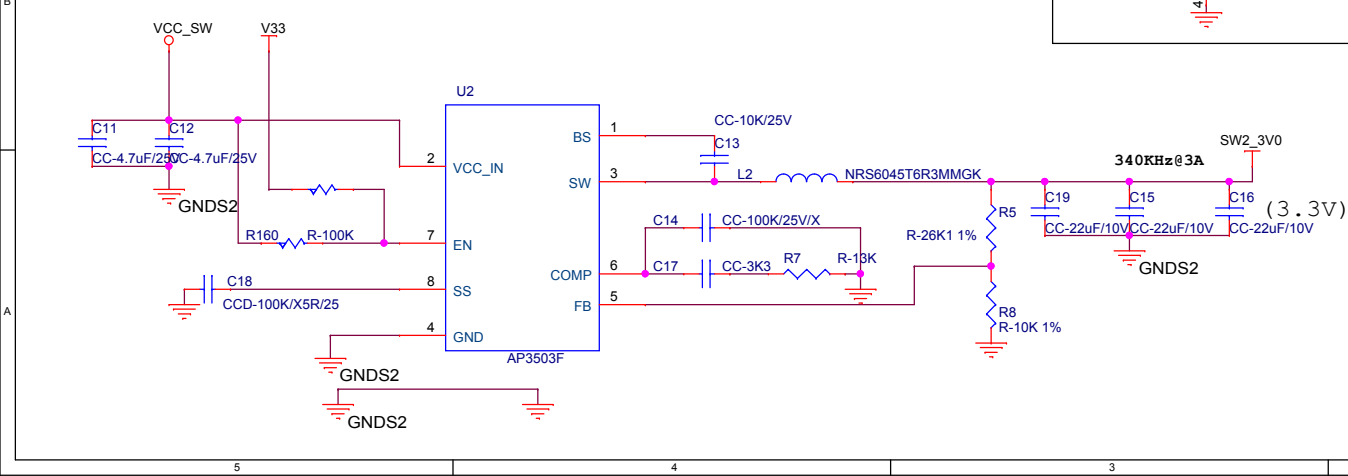
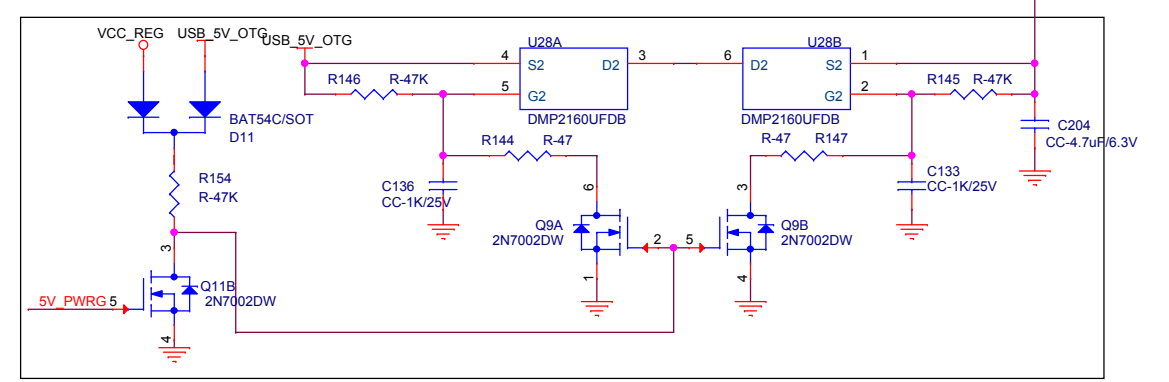
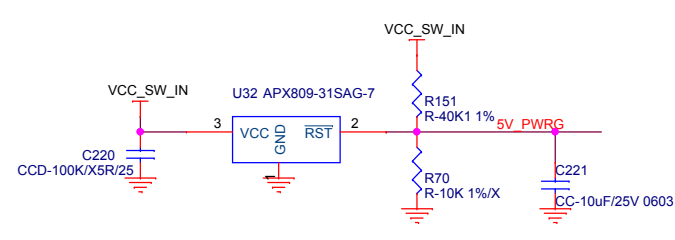
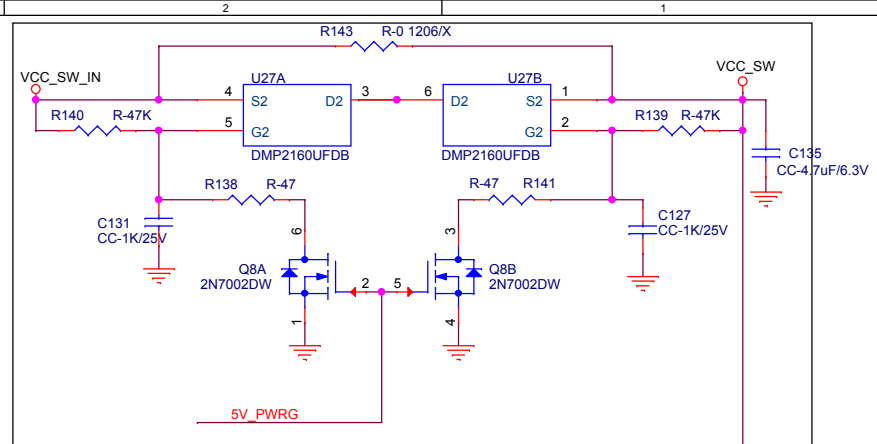
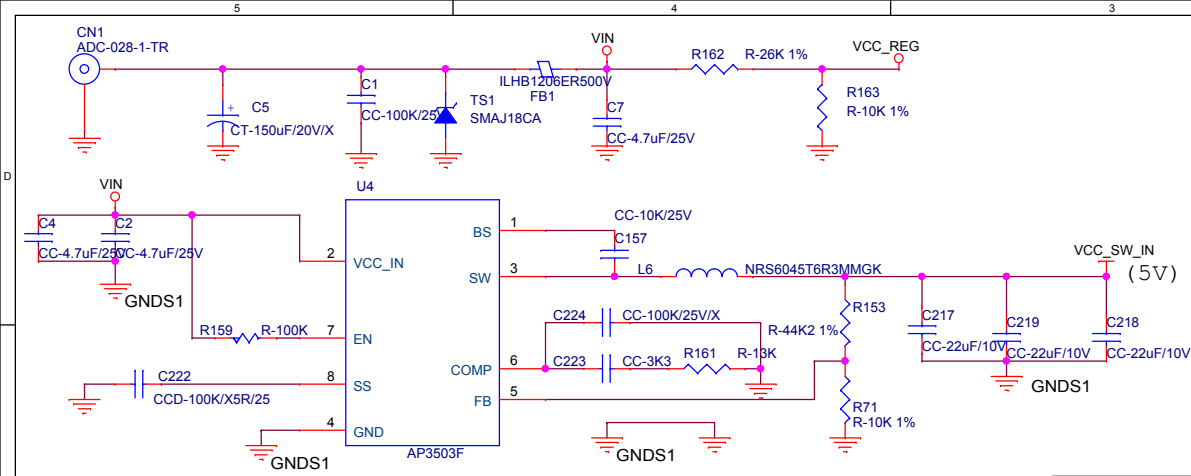
### Legenda

- /X** <VALUE/X> = DO NOT MOUNT
- /PP** <VALUE/PP> = TO  E PROGRAMMED
- /CFG** <VALUE/CFG> = TO  E CONFIGURED

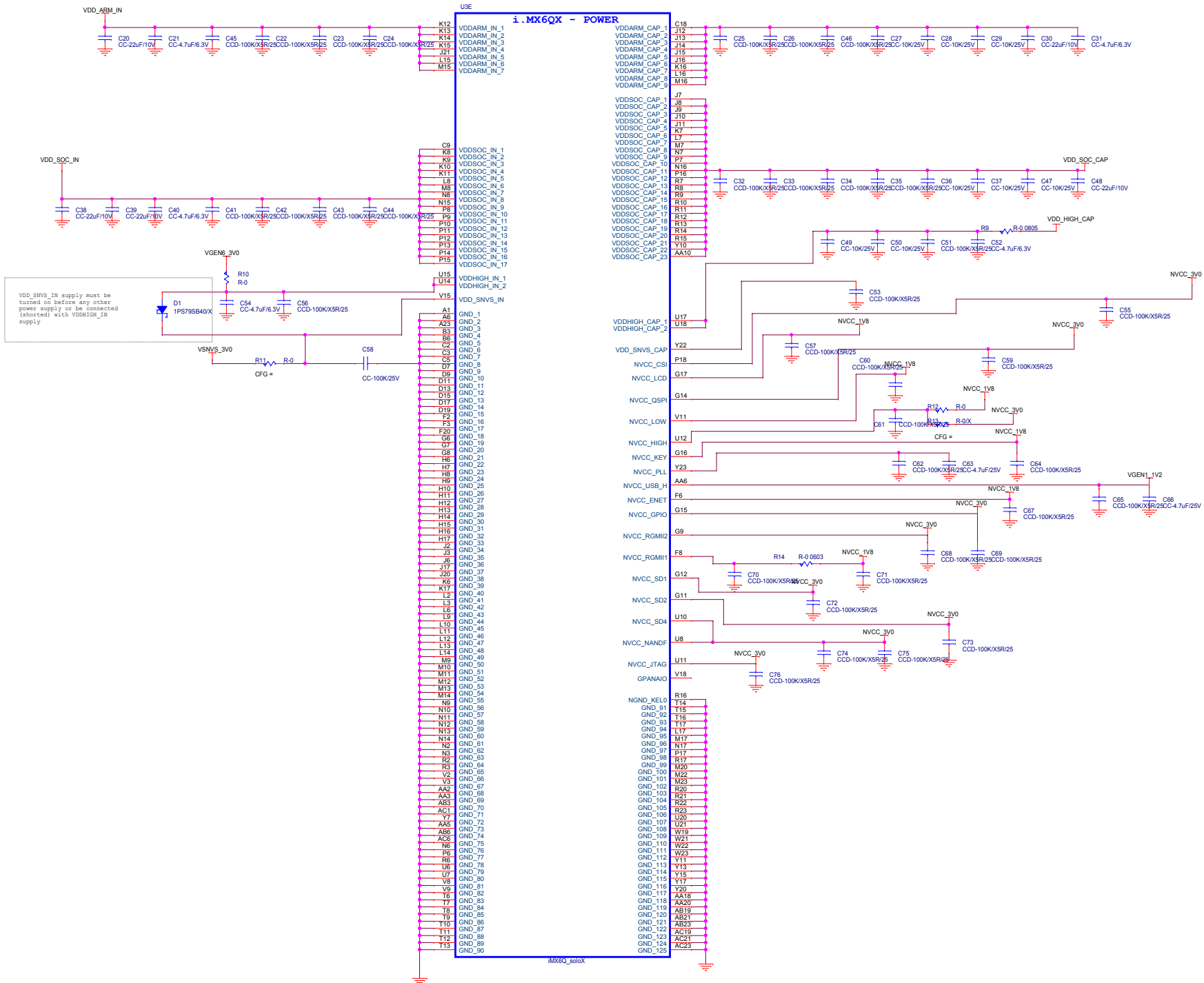
Title	<b>COVER</b>	
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
Date:	Friday, July 31, 2015	Sheet 1 of 18



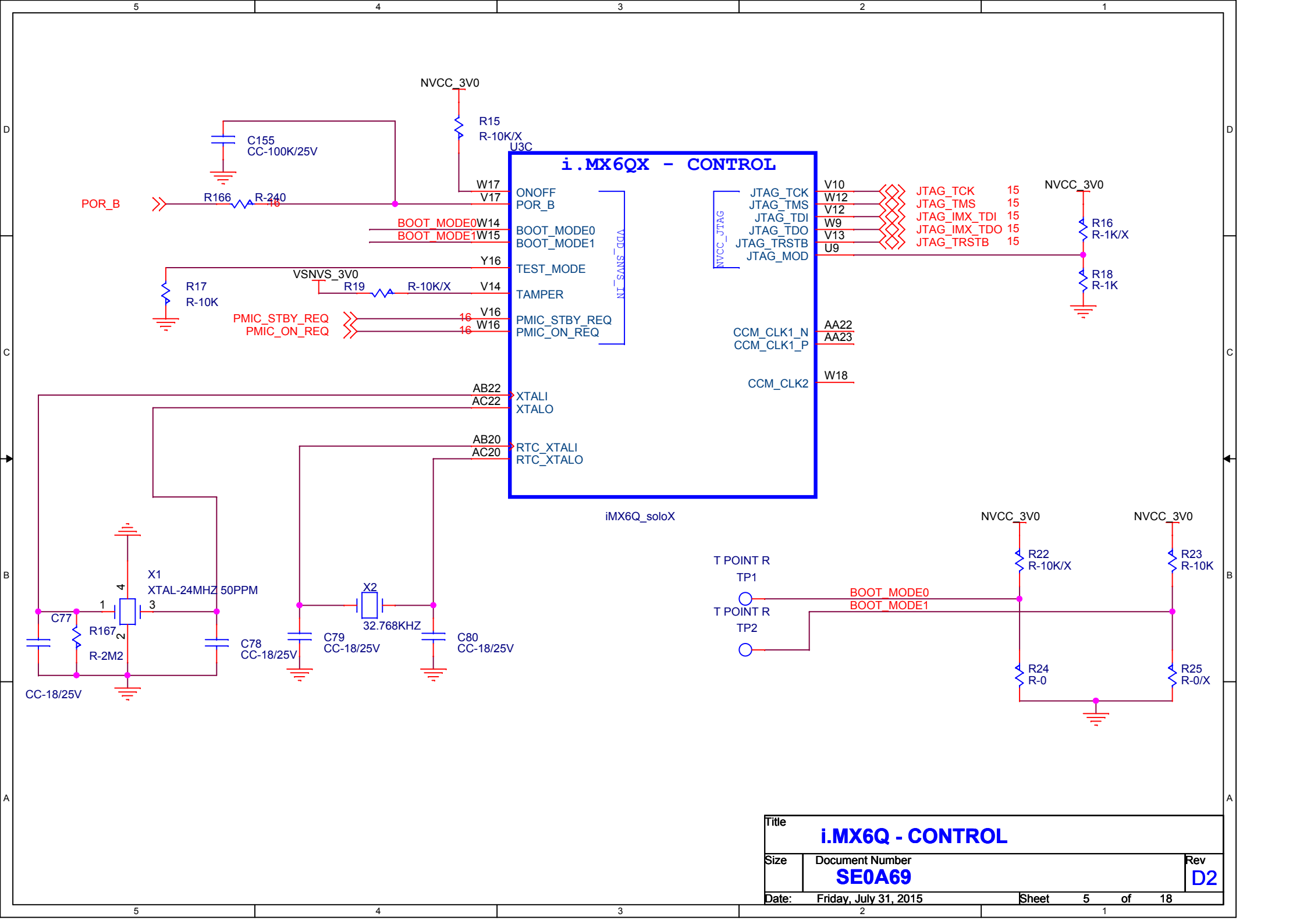
Title	BLOCK DIAGRAM	
Size	Document Number	Rev
	SE0A69	D2
Date:	Friday, July 31, 2015	Sheet 2 of 18



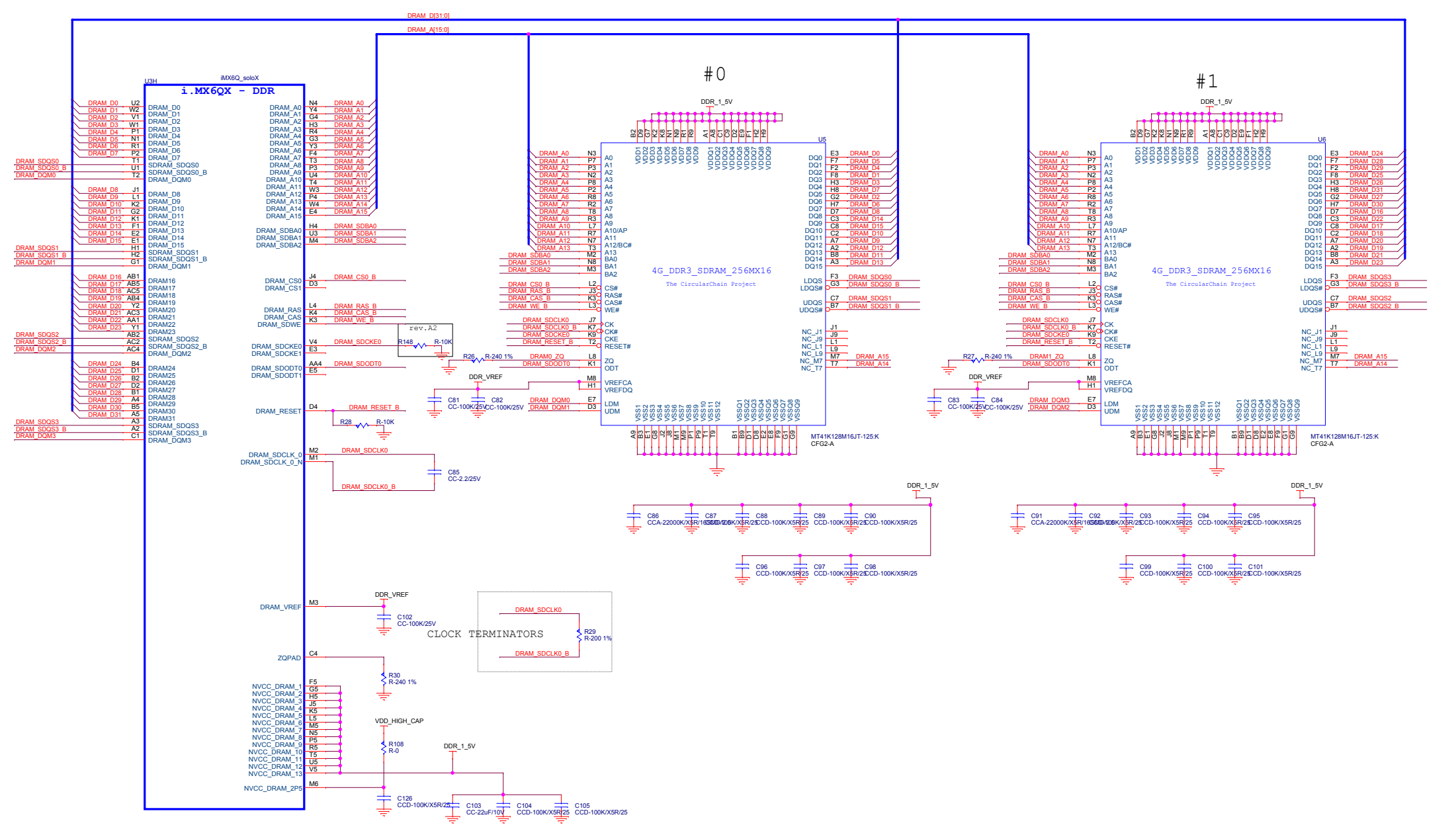
Title		<b>DCDC</b>
Size	Document Number	<b>SE0A69</b>
Date:	Friday, July 31, 2015	Sheet 3 of 18
		Rev <b>D2</b>



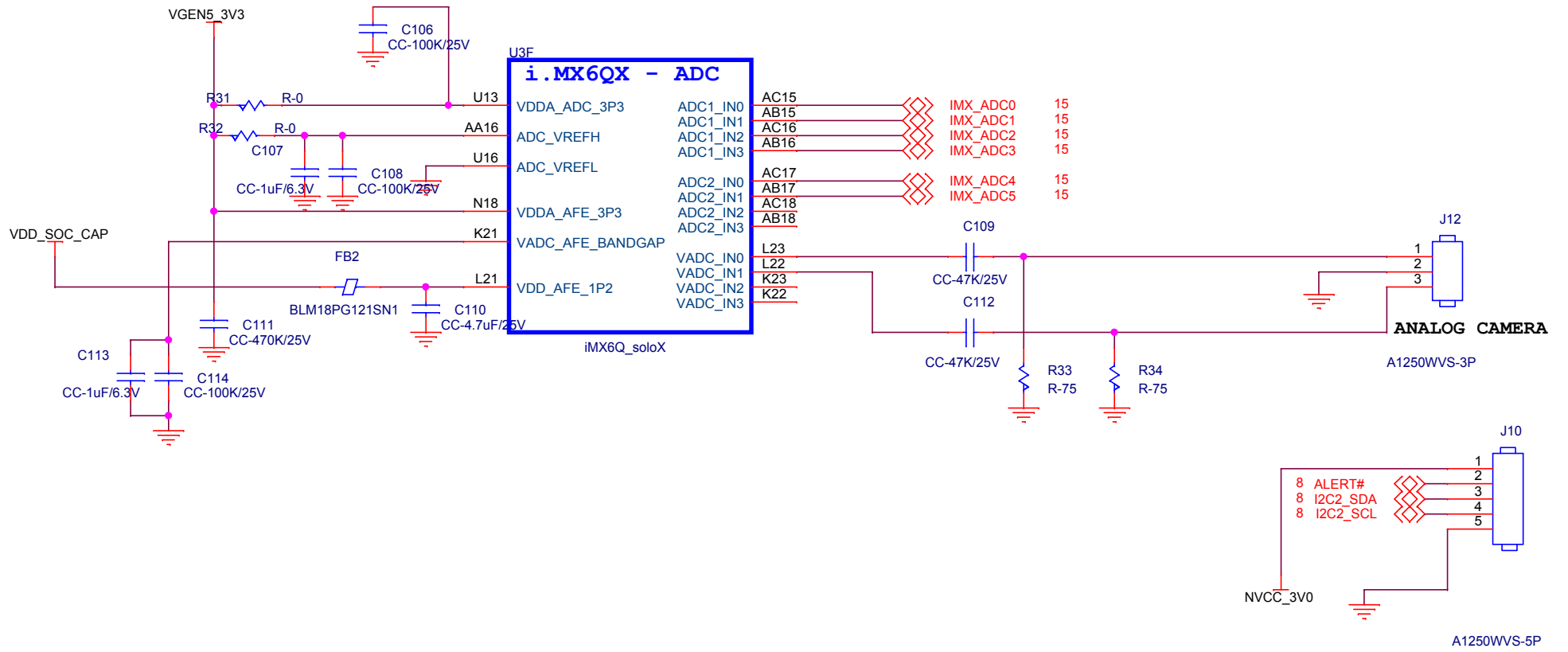
VDD\_SNVS\_IN supply must be turned on before any other power supply or be connected (shorted) with VDDM10A\_IN supply



Title		
<b>i.MX6Q - CONTROL</b>		
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
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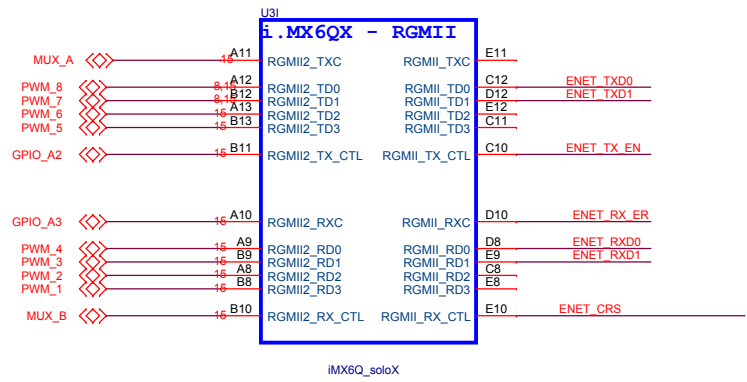
Title		
<b>I.MX6Q - DRAM</b>		
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
Date:	Friday, July 31, 2015	Sheet 6 of 18



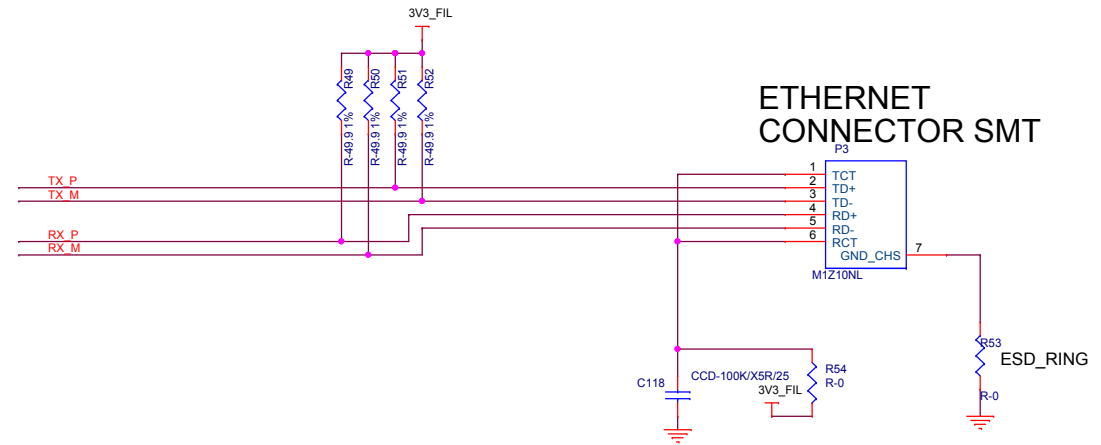
Title		
<b>i.MX6Q - ADC</b>		
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
Date:	Friday, July 31, 2015	Sheet 7 of 18



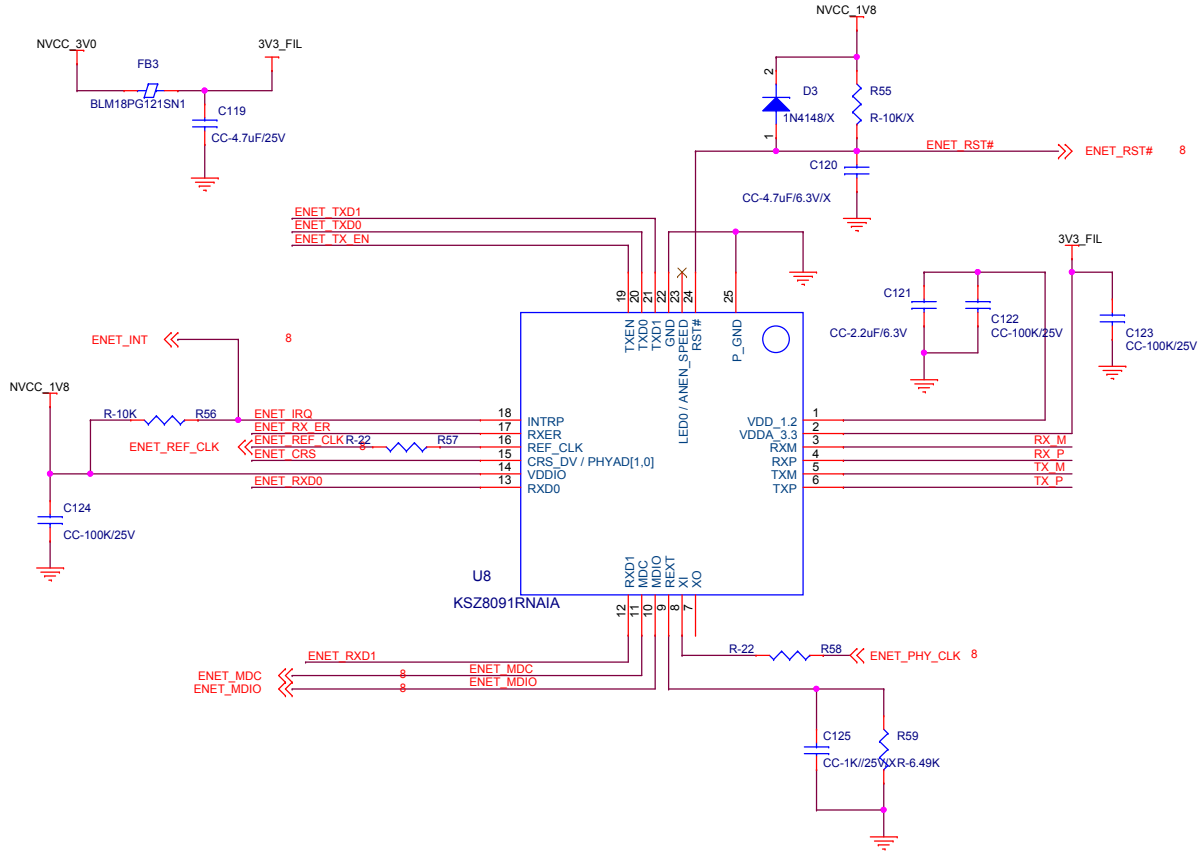




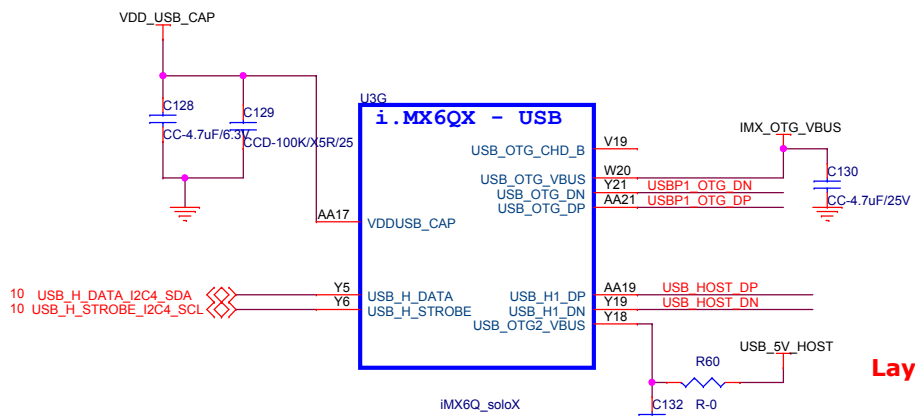
IMX6Q\_soloX



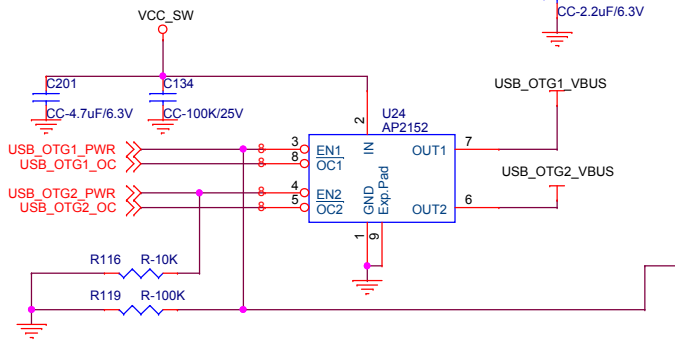
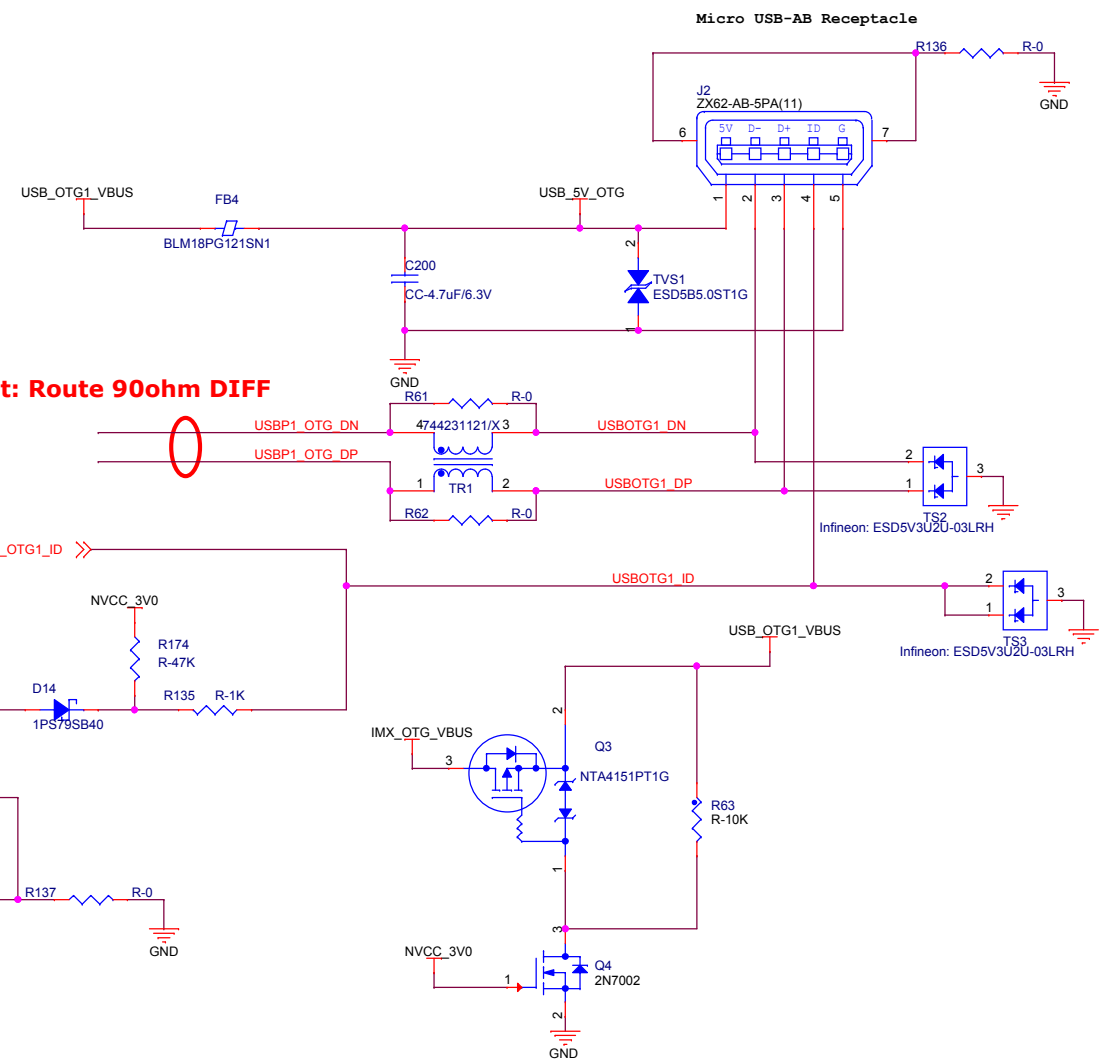
### ETHERNET CONNECTOR SMT



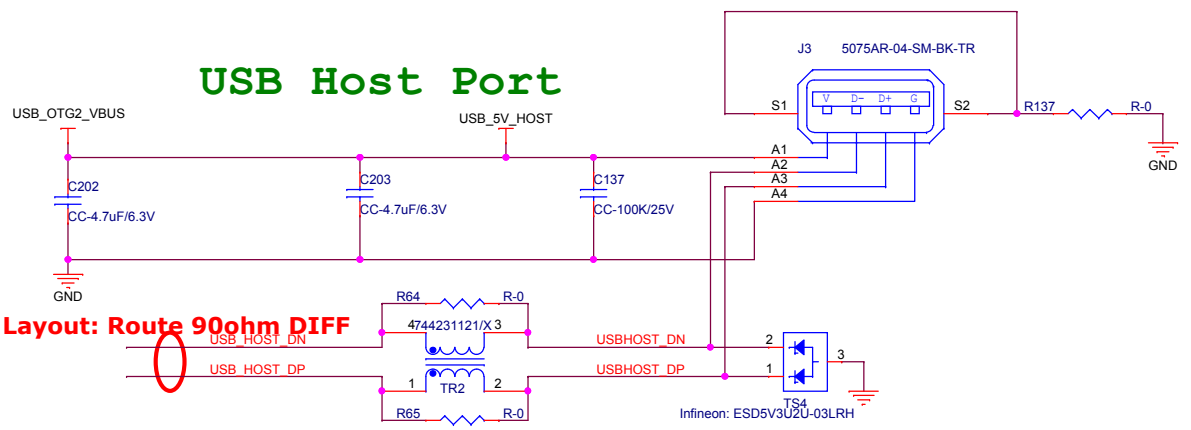
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<b>i.MX6Q - ETHERNET 10/100</b>		
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
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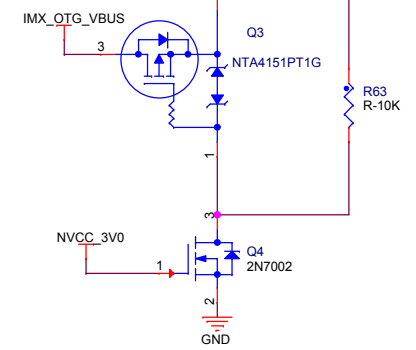
Layout: Route 90ohm DIFF



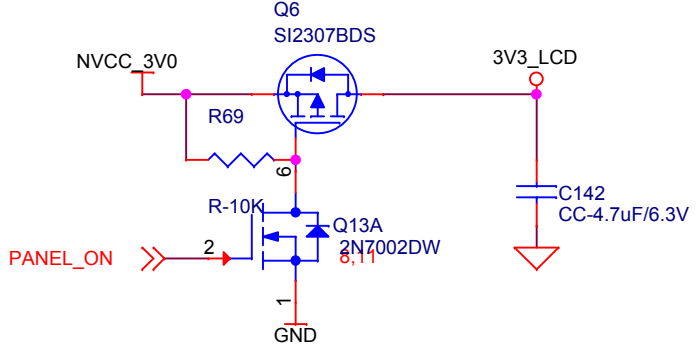
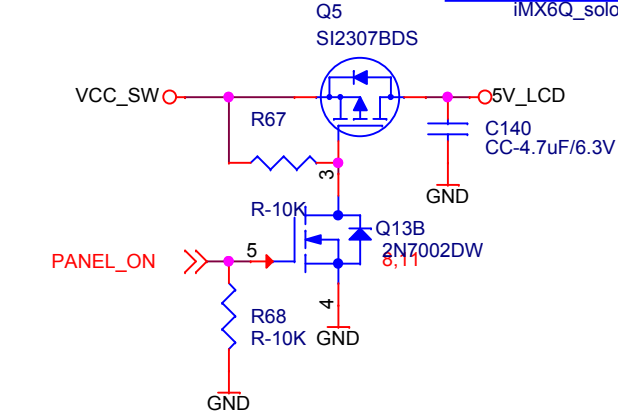
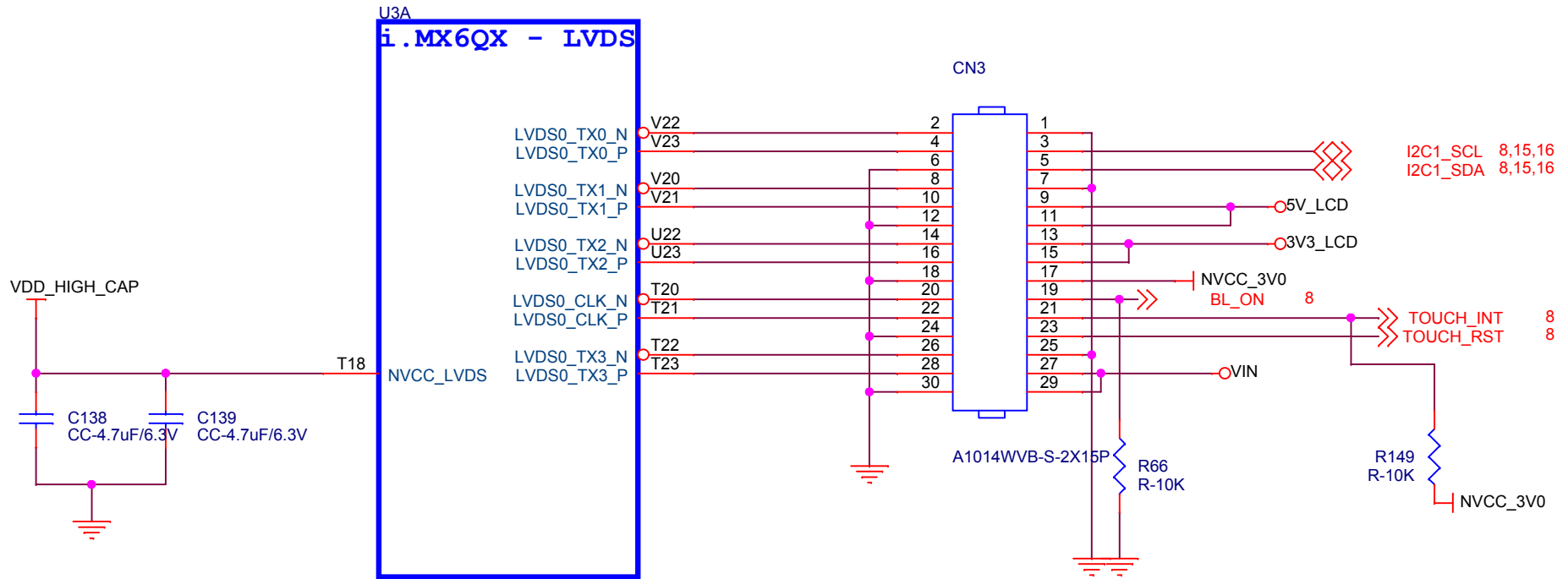
### USB Host Port



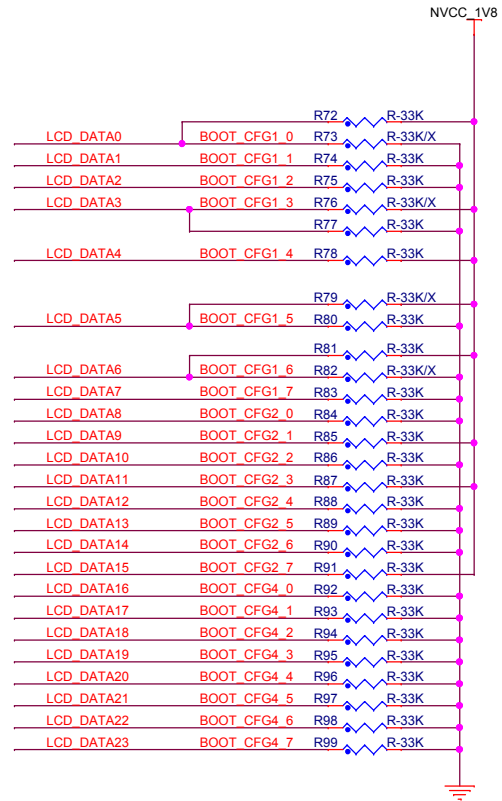
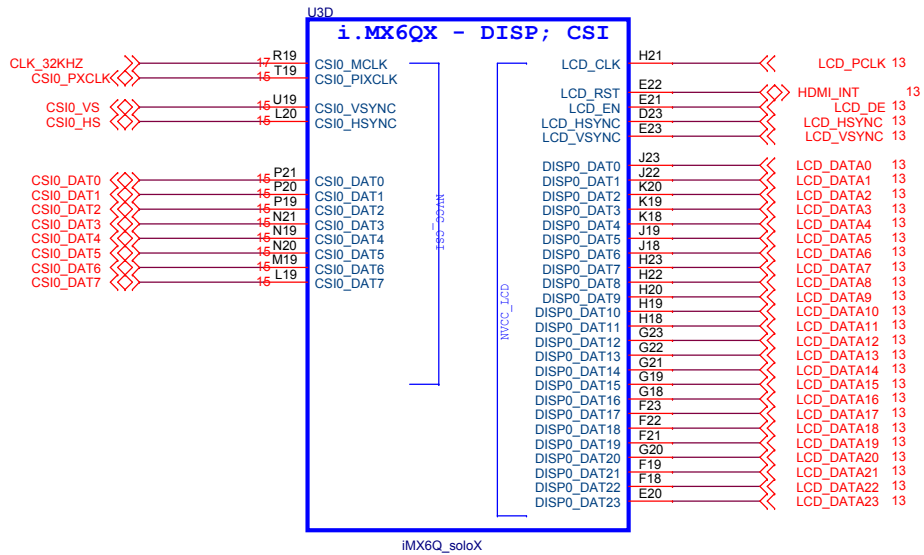
Layout: Route 90ohm DIFF



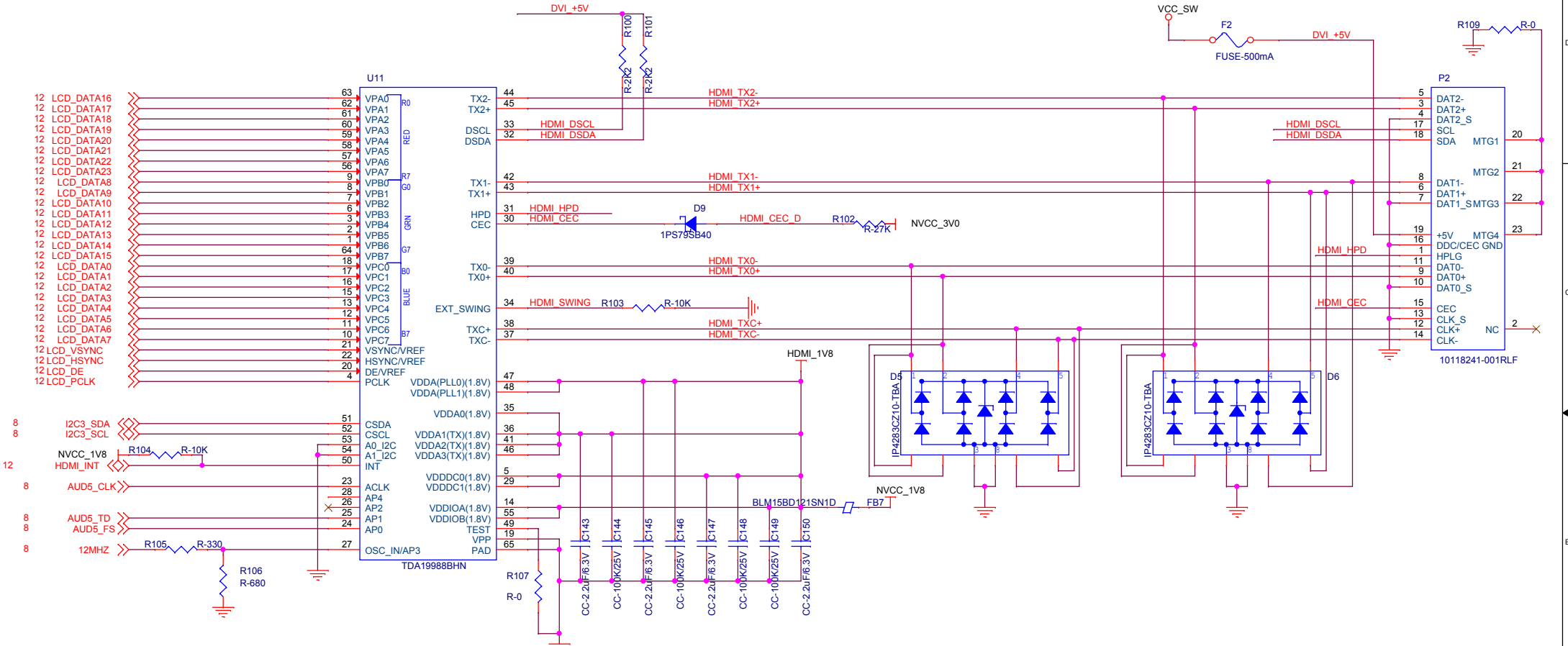
Title		
i.MX6Q - USB		
Size	Document Number	Rev
	SE0A69	D2
Date:	Friday, July 31, 2015	Sheet 10 of 18



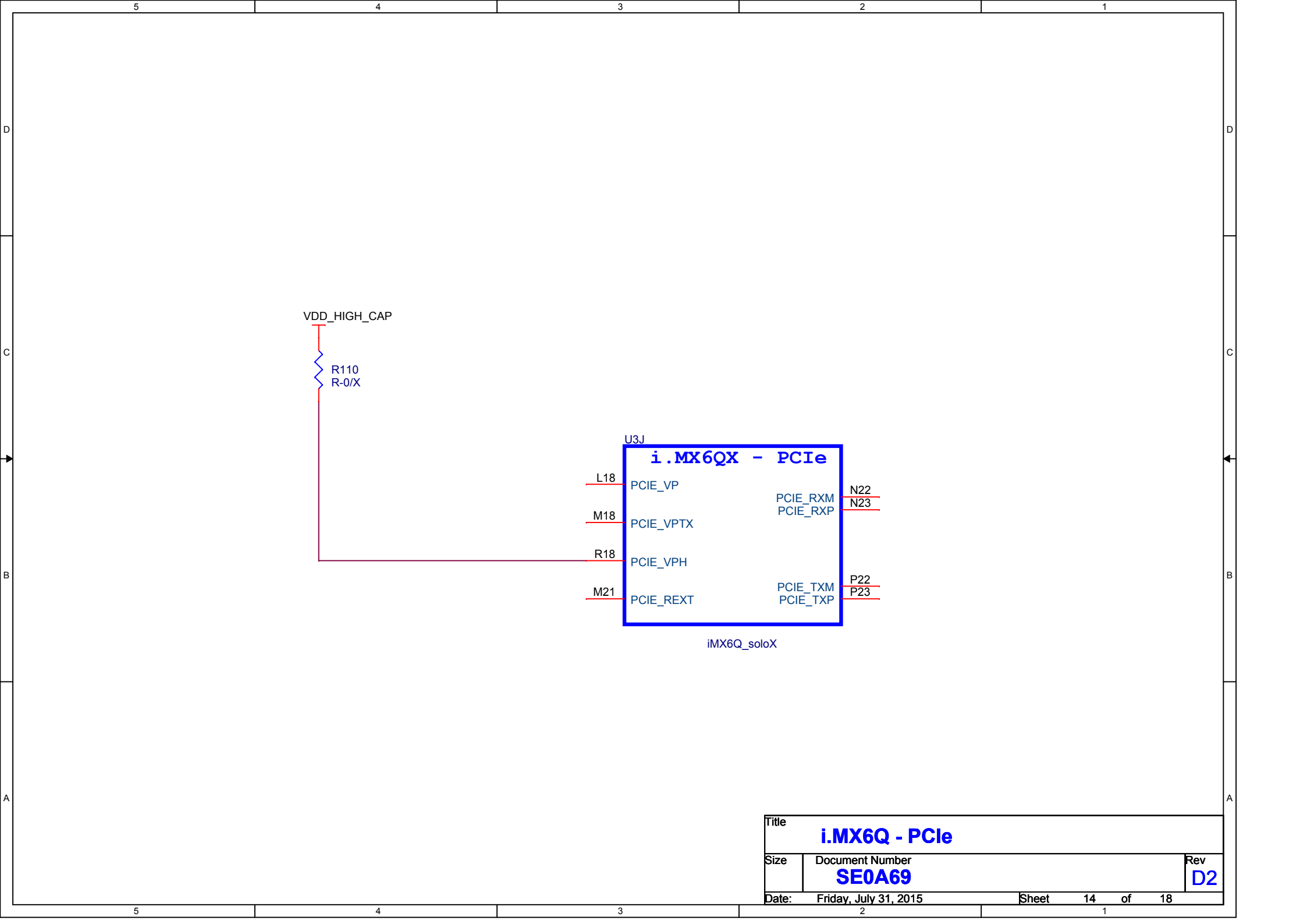
Title		
<b>i.MX6Q - LVDS</b>		
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
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Title		
i.MX6Q - DISP; CSI		
Size	Document Number	Rev
	SE0A69	D2
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Title		
<b>i.MX6Q - HDMI</b>		
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
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Title		
<b>i.MX6Q - PCIe</b>		
Size	Document Number	Rev
	<b>SE0A69</b>	<b>D2</b>
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