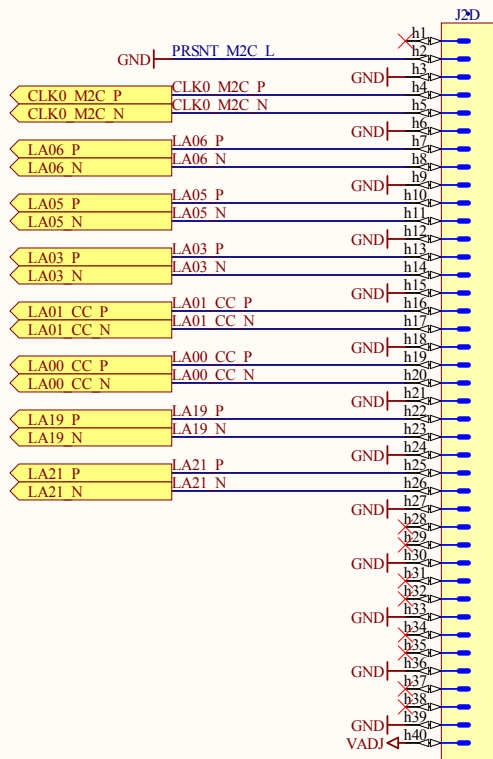
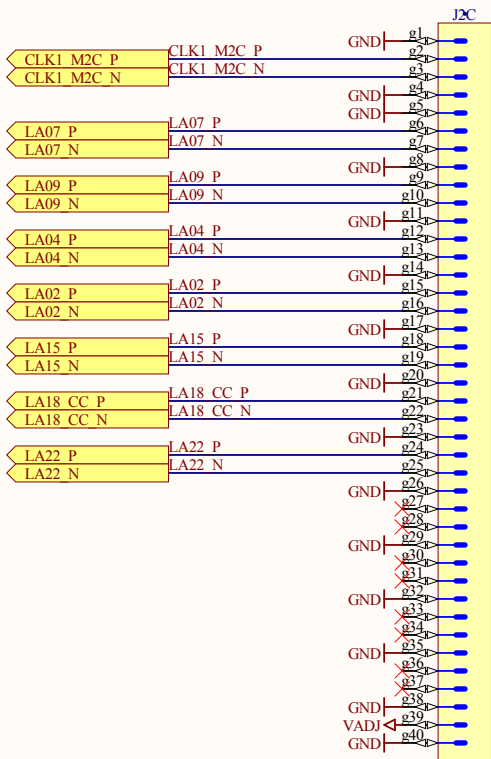
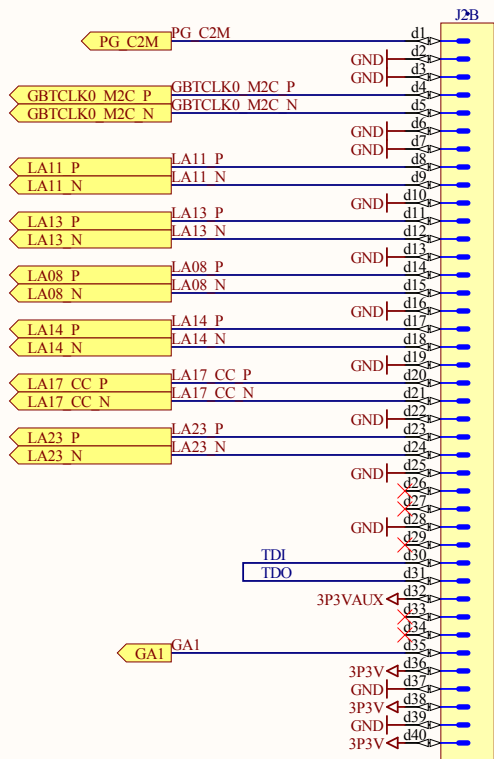
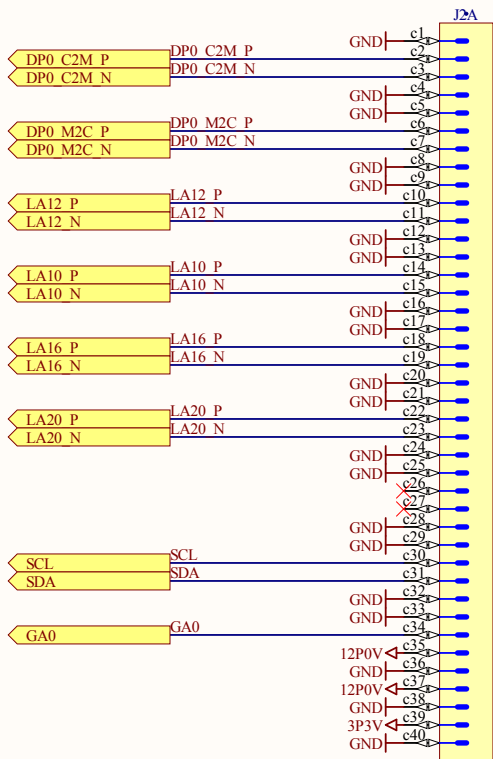


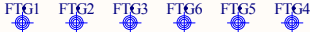
Blue comment area = directives for layout

Yellow comment area = general comment on design



Stand-off near FMC connector must be connected to FRONT_PANEL1 and FRONT_PANEL2

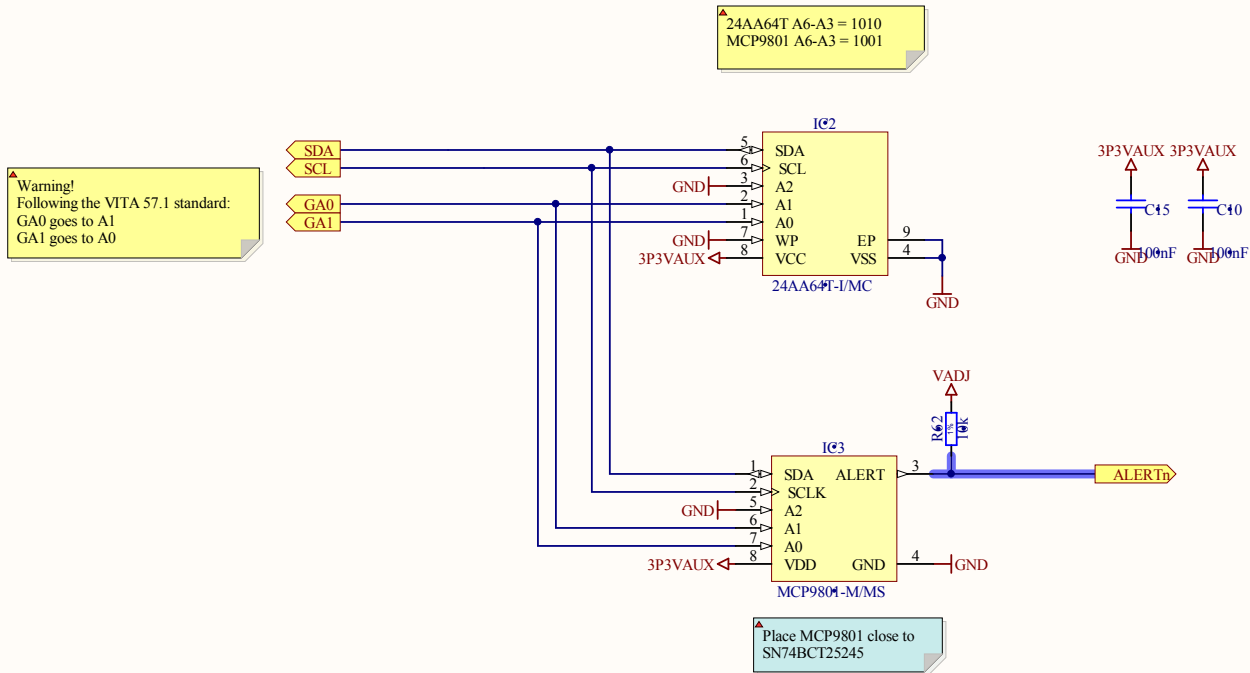
LA00* to LA23* are swappable



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Project/Equipment		FmcDIO16chTTLa	
Document	Designer	mcattin	
	Drawn by	mcattin	11/04/2009
	Check by	vanderby	11/26/2009
	Last Mod.	mcattin	2014-08-20
File	fmc_digital_io_fmc_connector.SchDoc		
	Print Date	2014-08-20 12:52:48	Sheet 1 of 5
European Organization for Nuclear Research CH-1211 Genève 23 - Switzerland		EDA-02064-V1-0	
		Size	Rev
		A4	-



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Project/Equipment FmcDIO16chTTLa

Document



**FMC IPMI
EEPROM, temperature sensor**

European Organization for Nuclear Research
CH-1211 Genève 23 - Switzerland

Designer	mcattin	
Drawn by	mcattin	11/04/2009
Check by	vanderby	11/26/2009
Last Mod.	mcattin	2014-08-20

File	fmc_digital_io_ipmi.SchDoc
Print Date	2014-08-20 12:52:48

Sheet	2 of 5
Size	A4
Rev	-

EDA-02064-V1-0

A

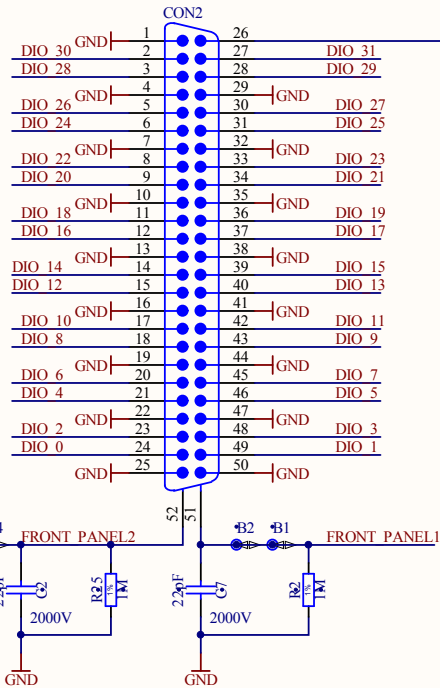
B

C

D

E

MD5RP50F0L3 or 10250-55H3PC or 10250-55H3PL

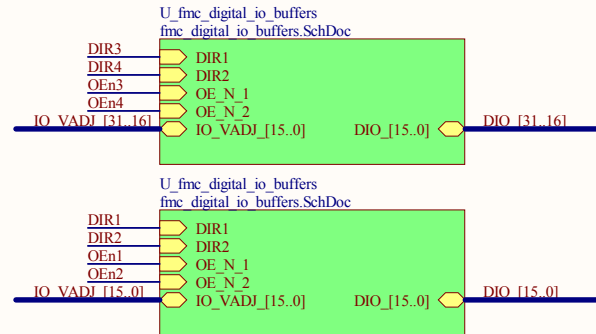
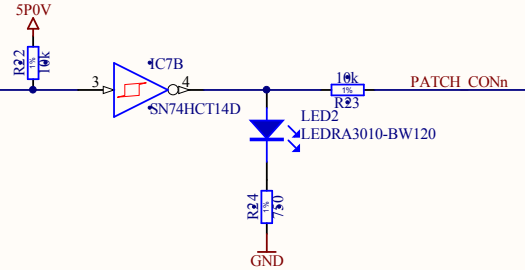
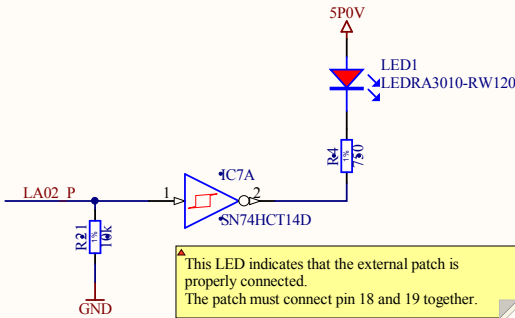
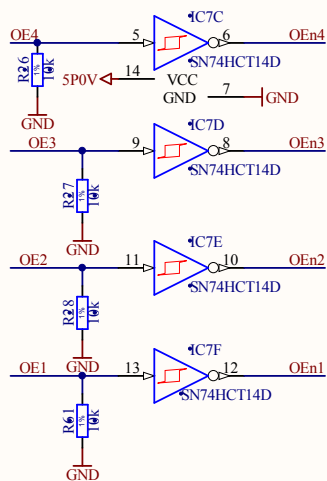
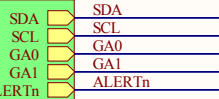


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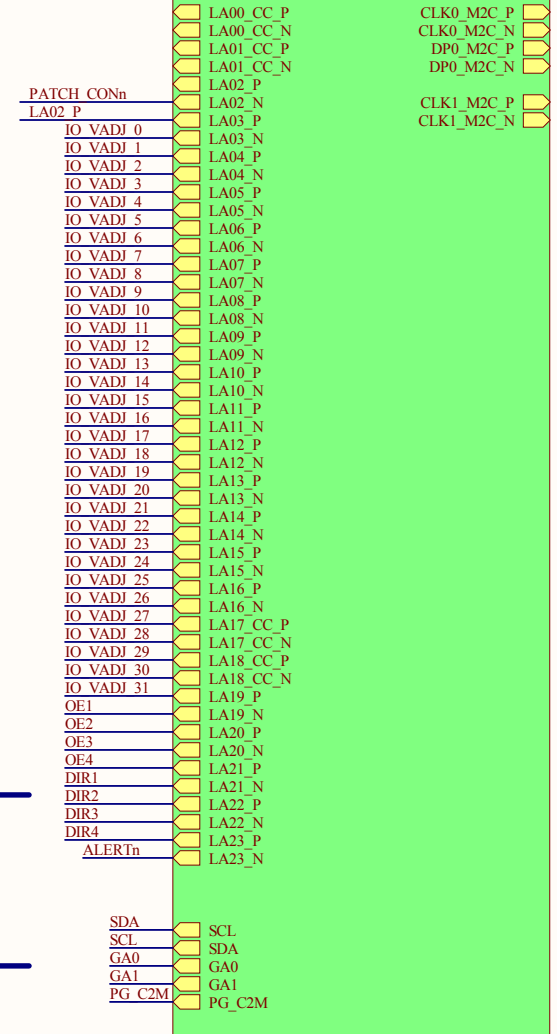
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U_fmc_digital_io_power_supplies
fmc_digital_io_power_supplies.SchDoc

U_fmc_digital_io_ipmi
fmc_digital_io_ipmi.SchDoc



U_fmc_digital_io_fmc_connector
fmc_digital_io_fmc_connector.SchDoc



Project/Equipment FmcDIO16chTTLa

Document



**FMC front panel
External connections**

European Organization for Nuclear Research
CH-1211 Genève 23 - Switzerland

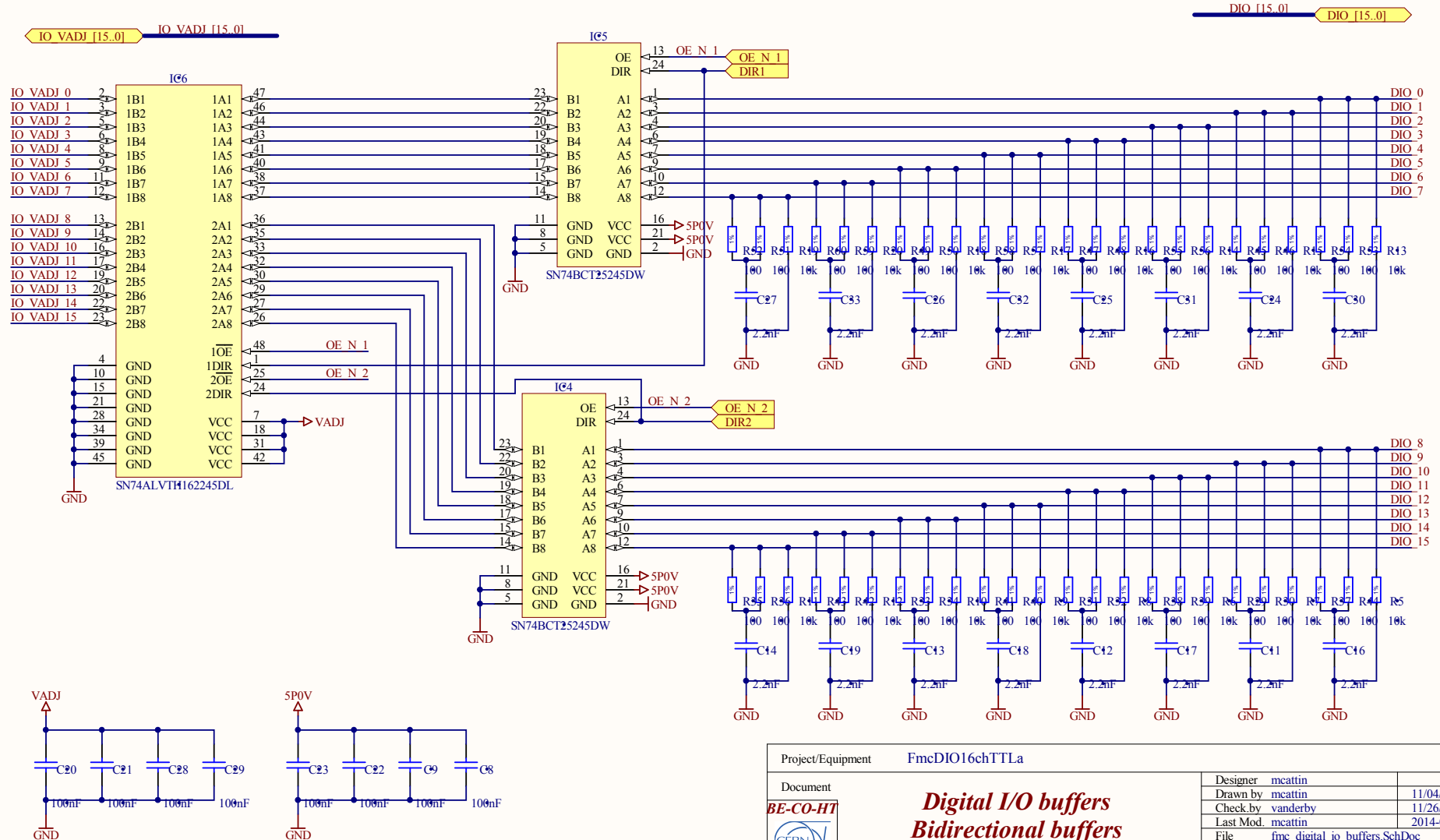
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Drawn by	mcattin	11/04/2009
Check by	vanderby	11/26/2009
Last Mod.	mcattin	2014-08-20
File	fmc_digital_io_front_panel.SchDoc	
Print Date	2014-08-20 12:52:48	Sheet 3 of 5

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Rev -

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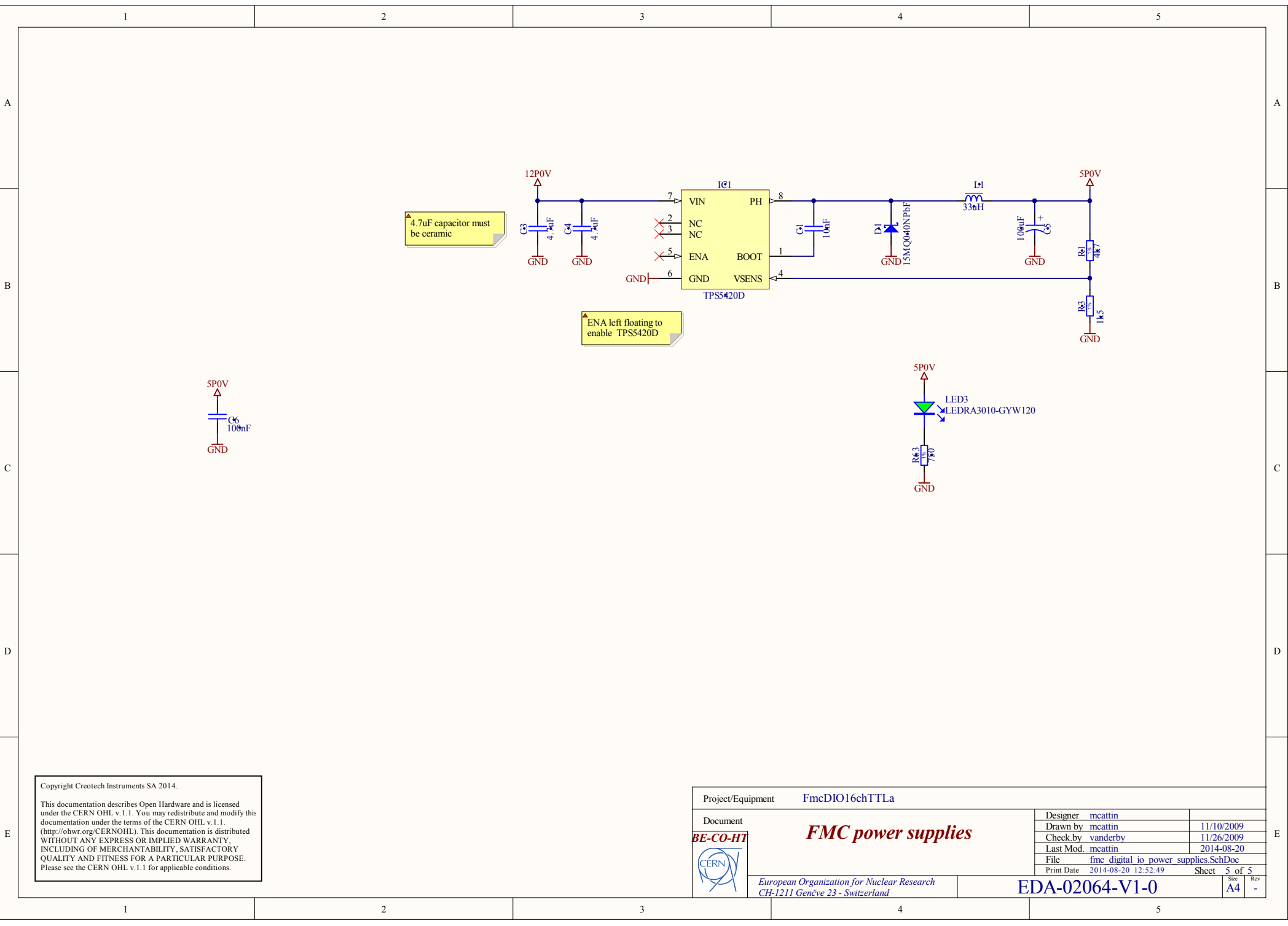
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Project/Equipment		FmcDIO16chTTLa	
Document		Designer mcatlin	
BE-CO-HT		Drawn by mcatlin	
CERN		Check by vanderby	
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		File fmc_digital_io_buffers.SchDoc	
		Print Date 2014-08-20 12:52:48	
		Sheet 4 of 5	
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▲ 4.7uF capacitor must be ceramic

▲ ENA left floating to enable TPS5420D

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Project/Equipment		FmcDIO16chTTLa				
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		Drawn by		mcatlin	11/26/2009	
		Check by		vanderby	2014-08-20	
		Last Mod.		mcatlin		
		File		fmc_digital_io_power_supplies.SchDoc		
Print Date		2014-08-20	12:52:49	Sheet	5 of 5	
European Organization for Nuclear Research CH-1211 Genève 23 - Switzerland		EDA-02064-V1-0			Size A4	Rev -