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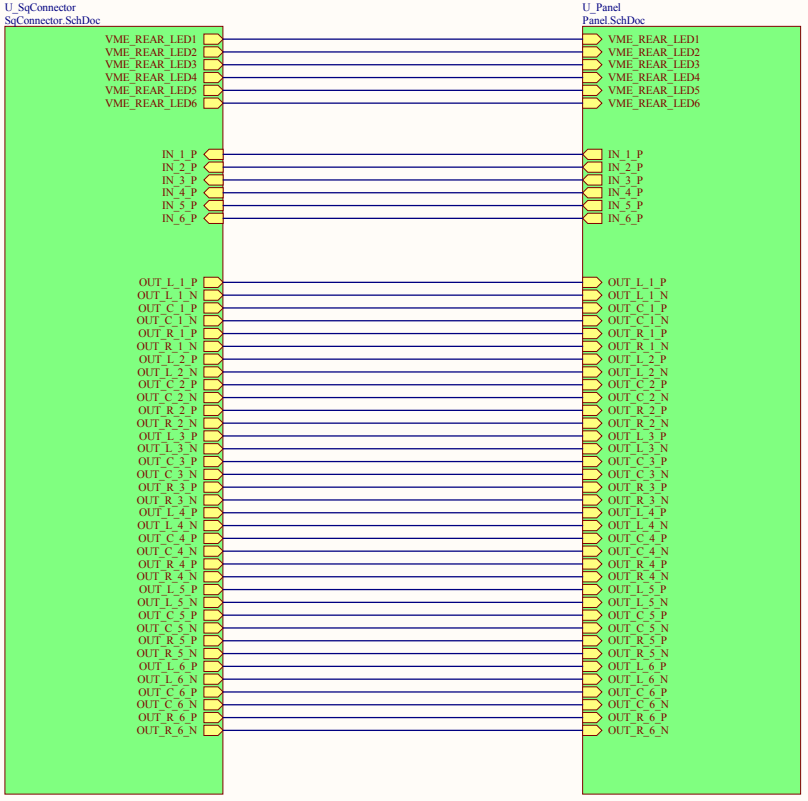
Silkscreen on top
"Licensed under CERN OHL v1.1
http://ohwr.org/CERNOHL"
More silkscreen on top:
"http://www.ohwr.org/projects/conv-ttl-blo/"

No CERN logo on silkscreen



Project/Equipment	Standard Blocking Pulse Repeater		
Document	RTM Piggyback TOP	Designer	Carlos Gil Soriano
		Drawn by	Carlos Gil Soriano 09/01/2012
		Check by	* CheckedDate
		Last Mod.	Carlos Gil Soriano 10/02/2012
		File	RTMP_top.SchDoc
		Print Date	10/02/2012 11:46:07 Sheet 1 of 4
BE-CO	* *	EDA_Number	Size A3 Rev *

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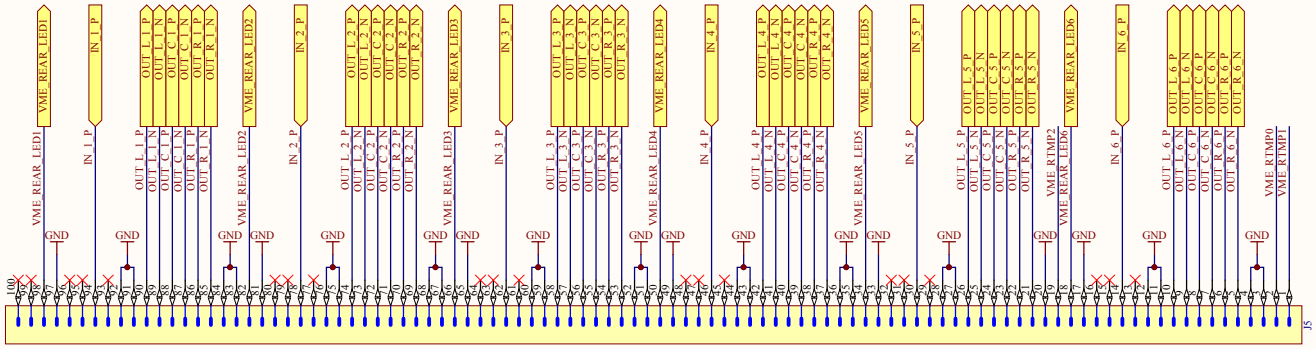
Port and nets to allow nets to be properly seen in PCB editor



Rear Transition Module
Piggyback Blocking v1

RTMP0 GND
RTMP1 Open
RTMP2 Open

VME_RTMP0 GND GND

VME_RTMP1

VME_RTMP2

Project/Equipment	Standard Blocking Pulse Repeater	
Document	***RTM Piggyback 100 pin connector***	
BE-CO	Designer Carlos Gil Soriano	
	Drawn by Carlos Gil Soriano	09/01/2012
	Check by *	CheckedDate
	Last Mod. Carlos Gil Soriano	10/02/2012
	File SqConnector.SchDoc	
	Print Date 10/02/2012 11:46:07	Sheet 2 of 4
*	EDA_Number	Size A3 / Rev *
*		

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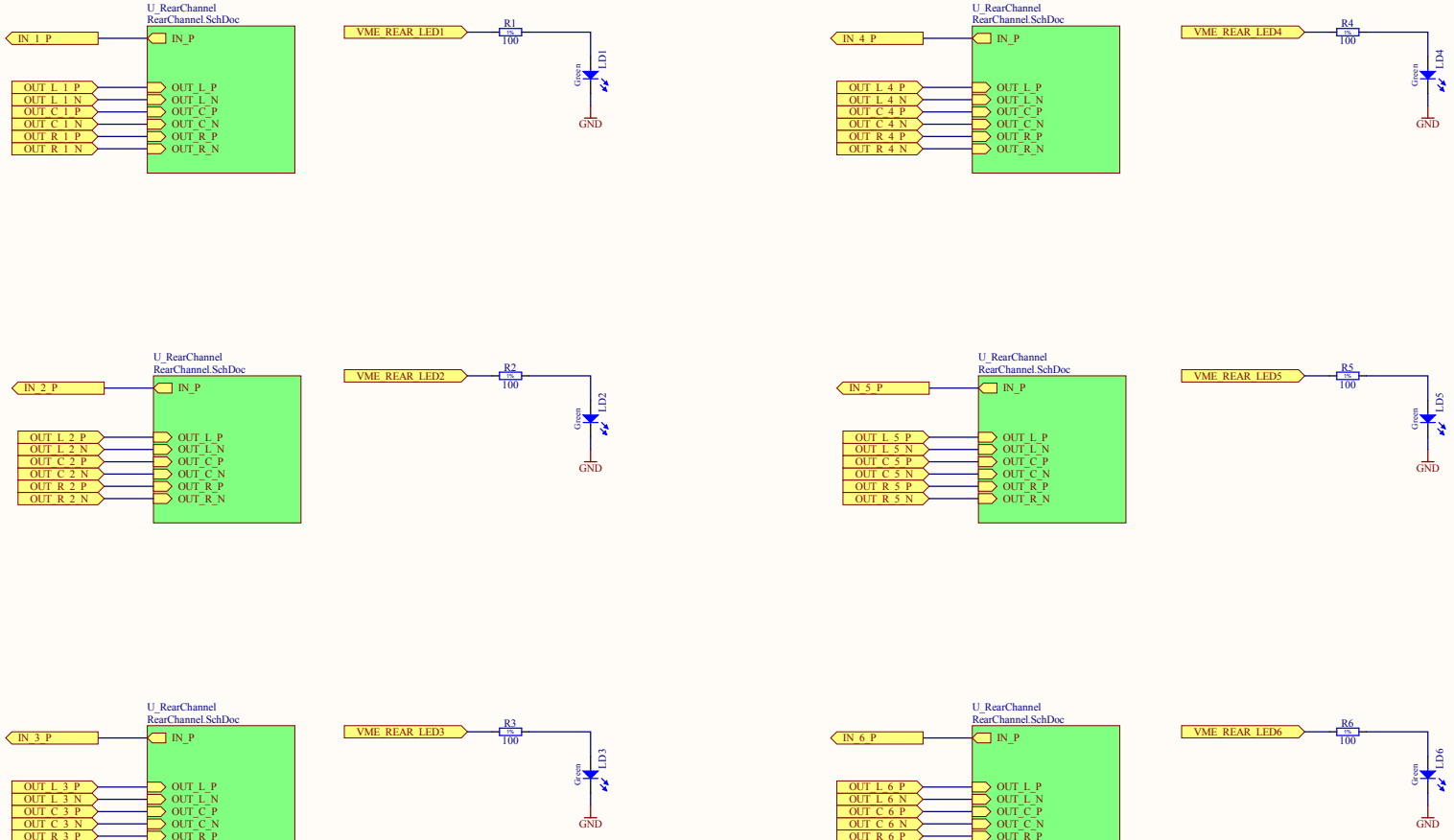
Silkscreen on opposite layer to 100 pin connector:

Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6

Changer tout le LEDS par DIALIGHT 561-2201-060F

CONV-TTL-BLO et CONV-TTL-RS485



Project/Equipment	Standard Blocking Pulse Repeater		
Document	***RTM Piggyback Panel and Leds***	Designer Carlos Gil Soriano	
BE-CO		Drawn by Carlos Gil Soriano	09/01/2012
		Check by *	CheckedDate
		Last Mod. Carlos Gil Soriano	10/02/2012
		File Panel.SchDoc	
		Print Date 10/02/2012 11:46:07	Sheet 3 of 4
*	EDA_Number	Size A3	Rev *
*			

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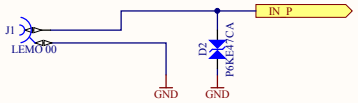
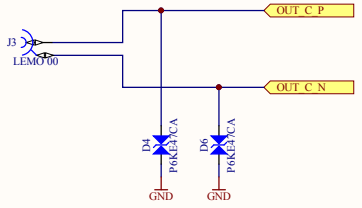
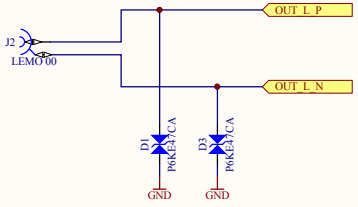
The TVS provides protection against lightning and discharge.
If the voltage rises above 75V in only one rail, the optoisolator is able to be driven at the current transformed by this 75V clamped voltage.

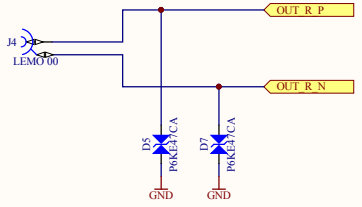




LEMOs on opposite layer to 100 pin connector:

Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6





Project/Equipment	Standard Blocking Pulse Repeater		
Document	RTM Piggyback LEMO Connectors	Designer	Carlos Gil Soriano
BE-CO		Drawn by	Carlos Gil Soriano 09/01/2012
		Check by	* CheckedDate
		Last Mod.	Carlos Gil Soriano 10/02/2012
		File	RearChannel.SchDoc
		Print Date	10/02/2012 11:46:07
*	EDA_Number	Sheet	4 of 4
*		Size	A3
		Rev	*