

The Motherboard

+24VDC Socket

SPI1

SPI2

SPI3

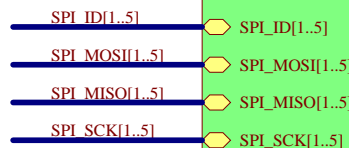
SPI4

SPI5

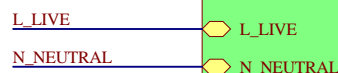
The Motherboard Sockets
InternalSockets.SchDoc



The External Card Sockets 1-3
ExternalSocketsPartA.SchDoc



The External Card Sockets 4-6
ExternalSocketsPartB.SchDoc



Main Power Supply

Grid Power Supply of Bayard
Alpert

Heat Filament Power Supply of
Helmer Gauge

Grid and Filament Bias Power
Supply of Helmer Gauge

Measurement Card

Deflector and Suppressor
Power Supply of Helmer
Gauge

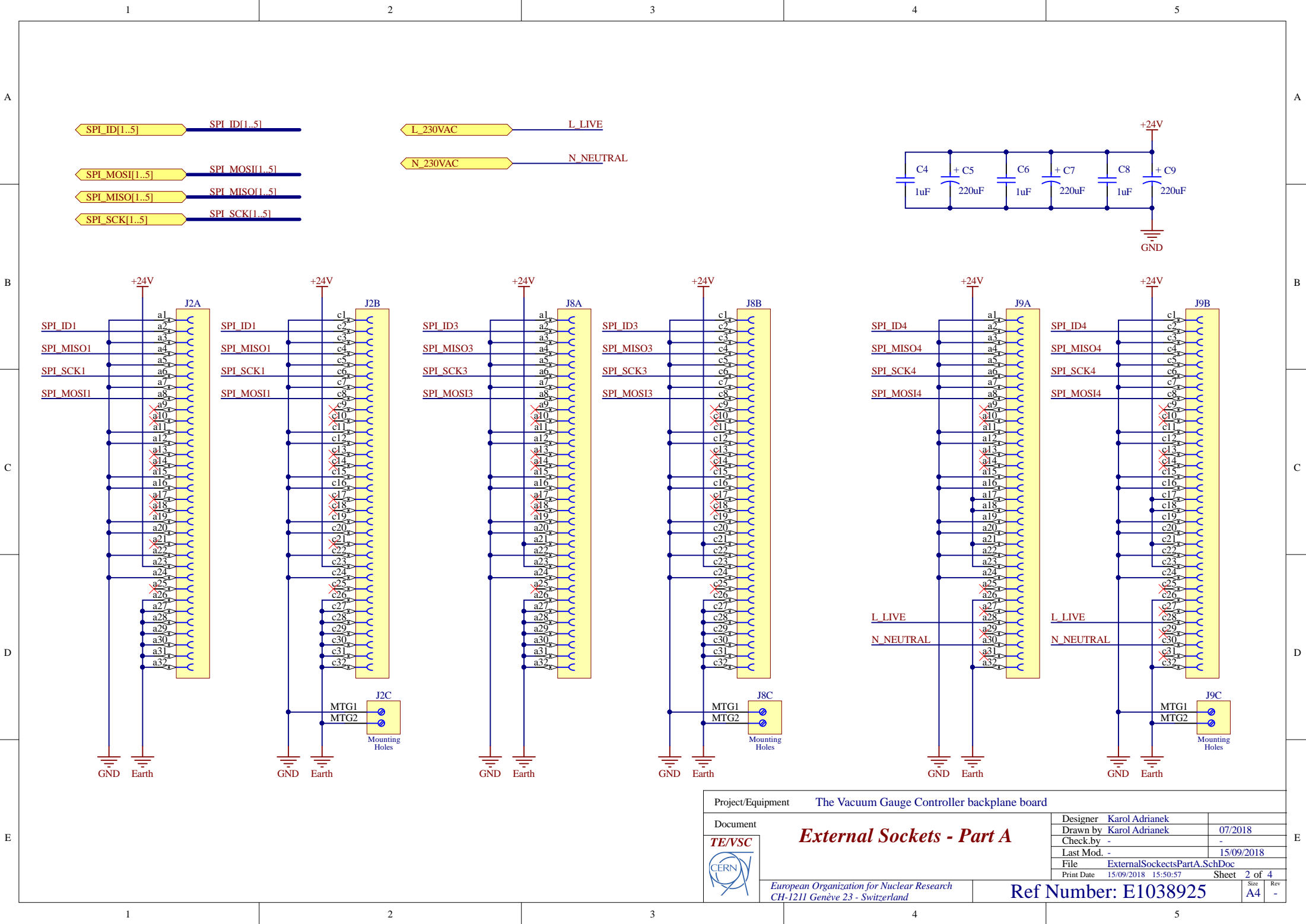
Measurement Card


Measurement Card

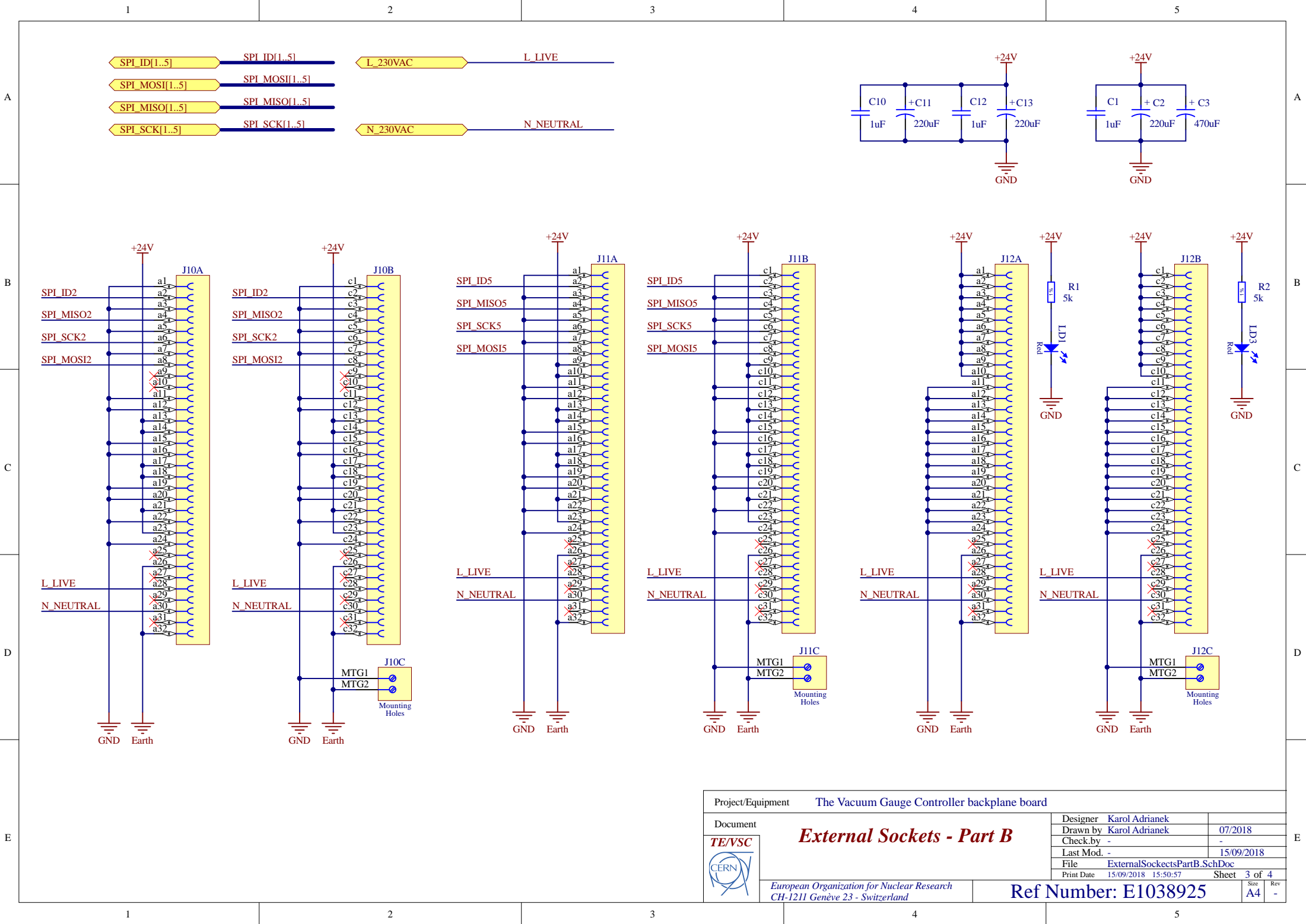
Communication Card

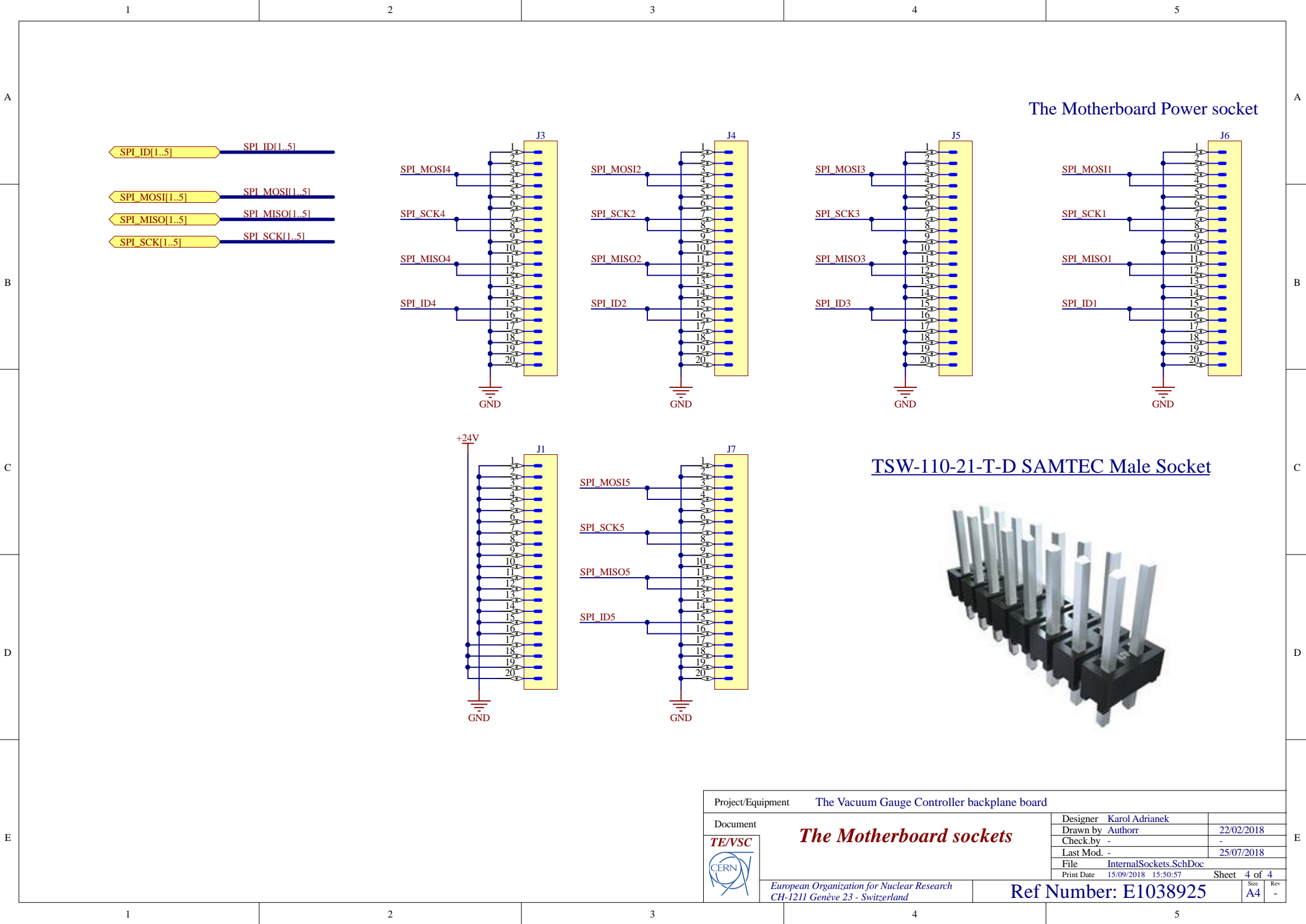
External Cards


Project/Equipment		The Vacuum Gauge Controller backplane board	
		Designer	Karol Adrianek
		Drawn by	Karol Adrianek
		Check.by	-
		Last Mod.	-
		File	BackplaneBoard.SchDoc
European Organization for Nuclear Research CH-1211 Genève 23 - Switzerland		Print Date	15/09/2018 15:50:57
Ref Number: E1038925		Sheet	1 of 4
		Size	A4
		Rev	-



Project/Equipment		The Vacuum Gauge Controller backplane board	
Document		External Sockets - Part A	
	Designer	Karol Adrianek	
	Drawn by	Karol Adrianek	07/2018
	Check by	-	-
	Last Mod.	-	15/09/2018
	File	ExternalSocketsPartA.SchDoc	
Print Date		15/09/2018 15:50:57	Sheet 2 of 4
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		Size	Rev
		A4	-





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Document		Designer	Karol Adrianek
		Drawn by	Authorr
		Check.by	-
		Last Mod.	-
		File	InternalSockets.SchDoc
		Print Date	15/09/2018 15:50:57
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		Sheet	4 of 4
		Size	A4
		Rev	-